WATER QUALITY DATA FOR ONTARIO LAKES AND STREAMS

1975

VOLUME X

PART 2 OF 2

FOR

SAMPLING STATION DIRECTORY (ALPHABETICAL INDEX)

SEE PART 1 OF 2

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SAMPLE INFORMATION SYSTEM        STATION SUMMARY REPORT - RIVER BASINS                                 DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: TURKEY CREEK                                                                               STATION ID:  10-0001-001-02
 SAMPLE POINT: HIGHWAY 18 BRIDGE, LA SALLE
 STATION TYPE: RIVER                                        MAJOR BASIN: GREAT LAKES                                  STORET CODE: 02
                                                            MINOR BASIN: LAKE ERIE                                                 003
                                                            TERM STREAM: TURKEY CREEK                                              2740

STN NO      1      LAT                  LONG               U.T.M. 17 0326650.0 4678950.0 4    REGION 01           MILEAGE    0.20


                                            934       901       444        80         81         84         88        805         3          1
SAMP DTE HOUR  STN  STN SAMP  PJ          SAMPLE       SCD  FLOW CFS     TOTAL      FECAL       M.F.     PSEUD.      WATER      DISS.     5-DAY
DY MO YR LMT   DIST BRG DEPTH                 NO                     COLIFORM   COLIFORM     ENTER.        MPA      TEMP.         O2       BOD
               FEET      MTRS                                        MF/100ML   MF/100ML   MF/100ML   MF/100ML     DEG C       MG/L      MG/L

14 01 75 1500            .3               11018    4                 71000E+1   31000.       960.                    2.0       11.6       8.0
17 02 75 1550            .3               11050    4                 10000E+1    2000.       660.                    1.5        4.0      12.0
17 03 75 1630            .3               11080    6                 16000E+1   10000.      1050.                    7.0       13.0       3.0
09 04 75 1145            .3               11112    6                 13400E+1    1400.       280.                    7.2        9.7      14.0
13 05 75 1725            .3               11148    6 9               13400E+1    7900.       120.                   19.8        3.6       6.5


                   MAXIMUM                                           71000E+1   31000.      1050.                   19.8       13.0      14.0
          AVG OR GEOM MN (*)                                         18280E+*    5851.*      468.*                   7.5        8.4       8.7
                   MINIMUM                                           10000E+1    1400.       120.                    1.5        3.6       3.0

              NO OF SAMPLES                                                 5          5          5                     5          5         5

                                             33        34         19        20         21         22         16        14         56         55
SAMP DTE HOUR  STN  STN SAMP  PJ           TOTAL  FILTERED   FILTERED     TOTAL    NITRITE    NITRATE      TURB.      COND.  CHLORIDE          PH
DY MO YR LMT   DIST BRG DEPTH                  P  REACTIVE    AMMONIA  KJELDAHL      NO2-N      NO3-N   FORMAZIN       25C       MG/L    AT LAB
               FEET      MTRS               MG/L    P MG/L       MG/L      MG/L       MG/L       MG/L      UNITS     UMHOS

14 01 75 1500            .3                0.800     0.350       3.00      3.60      0.200      6.400      19.00      1020        98.
17 02 75 1550            .3                1.100     0.200       6.00      7.10      0.180      0.770       8.50      1700       360.
17 03 75 1630            .3                0.750     0.470       3.10      4.10      0.077      2.100       6.90      1150       175.
09 04 75 1145            .3                0.700     0.420       2.10      3.40      0.150      1.600       4.70       990       102.
13 05 75 1725            .3                1.800     0.056       0.22      6.00      0.055      0.220      17.00       892        83.


                   MAXIMUM                 1.800     0.470       6.00      7.10      0.200      6.400      19.00      1700       360.
          AVG OR GEOM MN (*)               1.030     0.299       2.88      4.84      0.132      2.218      11.22      1150       163.
                   MINIMUM                 0.700     0.056       0.22      3.40      0.055      0.220       4.70       892        83.

              NO OF SAMPLES                    5         5          5         5          5          5          5         5          5
                                            934        95         52        50         76         61         68        25         60        280
SAMP DTE HOUR  STN  STN SAMP  PJ          SAMPLE   ACIDITY   TOT ALK  HARDNESS     CALCUL      TOTAL     COLOUR   PHENOLS               REACTIVE
DY MO YR LMT   DIST BRG DEPTH                 NO      MG/L    AT LAB     CACO3   HARDNESS       IRON      HAZEN             FLUORIDE  SILICATE
               FEET      MTRS                                   MG/L      MG/L       MG/L       MG/L      UNITS      UG/L       MG/L   SI MG/L
14 01 75 1500            .3               11018
17 02 75 1550            .3               11050                                                                       4.
17 03 75 1630            .3               11080                                                                       8.
09 04 75 1145            .3               11112                                                                       2.
13 05 75 1725            .3               11148                                                                       4.
                                                                                                                      6.


                   MAXIMUM
          AVG OR GEOM MN (*)                                                                                          8.
                   MINIMUM                                                                                            4.
                                                                                                                      2.
              NO OF SAMPLES
                                                                                                                        5
                                             59         5          6         7        107         67         66        45         47         41
SAMP DTE HOUR  STN  STN SAMP  PJ        SULPHATE     TOTAL      SUSP.     DISS.      DISS.    PTSSIUM     SODIUM     TOT C    ORGANIC        COD
DY MO YR LMT   DIST BRG DEPTH                       SOLIDS     SOLIDS    SOLIDS     SOLIDS          K         NA      AS C     C AS C
               FEET      MTRS               MG/L      MG/L       MG/L      MG/L       MG/L       MG/L       MG/L      MG/L       MG/L       MG/L

14 01 75 1500            .3                           650.       40.        610
17 02 75 1550            .3                          1000.       10.        990
17 03 75 1630            .3
09 04 75 1145            .3                           700.       15. L      685
13 05 75 1725            .3                           600.       35.        565


                   MAXIMUM                           1000.       40.        990
          AVG OR GEOM MN (*)                          737.       25. D      713
                   MINIMUM                            600.       10.        565

              NO OF SAMPLES                              4          4         4
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SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

B.O.W./ SITE: TURKEY CREEK
SAMPLE POINT: AT WINDSOR SUBURBAN ROAD 40
STATION TYPE: RIVER

STATION ID: 10-0001-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: TURKEY CREEK

STORET CODE: 02
003
2740

STN NO 2   LAT   LONG   U.T.M. 17 0329400.0 4679200.0 4   REGION 01   MILEAGE 2.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L
11 06 75 1445			.3		11167	6		73000E+1	11600.	640.		17.8	2.4	11.2
22 07 75 1700			.3		11212	6 9		19000E+2	47000.	760.		27.0	0.6	8.8
18 08 75 1620			.3		11258	6 9		56000E+3	19000E+2	7400.	5200.	22.5	5.8	9.6
22 09 75 1650			.3		11324	6		25000E+1	10000.	2300.		16.6	5.7	3.6
27 10 75 1530			.3		11351	6		10200E+2	51000.	9400.	4.	12.2	6.6	14.0
17 11 75 1745			.3		11397	6		10000E+2	10000.	840.	960.	13.0	6.8	17.2
08 12 75 1610			.3		11460	6		93000E+1	8300.	3300.		7.5	8.0	7.6
MAXIMUM								56000E+3	19000E+2	9400.	5200.	27.0	8.0	17.2
AVG OR GEOM MN (*)								15161E+*	33133.*	2154.*	271.*	16.7	5.1	10.3
MINIMUM								25000E+1	8300.	640.	4.	7.5	0.6	3.6
NO OF SAMPLES								7	7	7	3	7	7	7

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
11 06 75 1445			.3		1.630	1.000	5.70	7.55	0.030	0.090	14.00	800	95.	
22 07 75 1700			.3		1.600	1.100	5.60	69.00	0.002	0.010L	16.00	688	49.	
18 08 75 1620			.3		2.750	2.110	11.40	12.00	0.018	0.380	7.40	644	44.	
22 09 75 1650			.3		1.320	1.110	4.85	8.50	0.196	0.814	42.00	880	61.	
27 10 75 1530			.3		2.000	1.400	7.35	10.20	0.040	0.140	7.00	730	60.	
17 11 75 1745			.3		2.950	2.780	8.00	9.35	0.059	0.130	11.00	765	55.	
08 12 75 1610			.3		1.050	0.770	4.70	5.65	0.219	1.410	16.00	920	75.	
MAXIMUM					2.950	2.780	11.40	69.00	0.219	1.410	42.00	920	95.	
AVG OR GEOM MN (*)					1.900	1.467	6.80	17.46	0.081	0.425D	16.20	775	62.	
MINIMUM					1.050	0.770	4.70	5.65	0.002	0.010	7.00	644	44.	
NO OF SAMPLES					7	7	7	7	7	7	7	7	7	

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
11 06 75 1445			.3		11167									
22 07 75 1700			.3		11212							20.		
18 08 75 1620			.3		11258							1. L		
22 09 75 1650			.3		11324					1.90		2.		
27 10 75 1530			.3		11351							1.		
17 11 75 1745			.3		11397							1. L		
08 12 75 1610			.3		11460							1. L		
MAXIMUM										1.90		20.		
AVG OR GEOM MN (*)										1.90		4. D		
MINIMUM										1.90		1.		
NO OF SAMPLES										1		6		

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
11 06 75 1445			.3			502.	19.	483						64
22 07 75 1700			.3			448.	29.	419						60
18 08 75 1620			.3			362.	26.	336						46
22 09 75 1650			.3			604.	77.	527						54
27 10 75 1530			.3			430.	18.	412						53
17 11 75 1745			.3			418.	11.	407						29
08 12 75 1610			.3			612.	19.	593						
MAXIMUM						612.	77.	593						64
AVG OR GEOM MN (*)						482.	28.	454						51
MINIMUM						362.	11.	336						29
NO OF SAMPLES						7	7	7						6

CONT'D

B.O.W./ SITE: TURKEY CREEK
SAMPLE POINT: AT WINDSOR SUBURBAN ROAD 40
STATION TYPE: RIVER

STATION ID: 10-0001-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: TURKEY CREEK

STORET CODE: 02
003
2740

STN NO 2 LAT LONG U.T.M. 17 0329400.0 4679200.0 4 REGION 01 MILEAGE 2.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	203 TOTAL ALUMINUM MG/L	265 TOTAL ARSENIC MG/L	64 CALCIUM MG/L	72 TOTAL CALCIUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	272 SIMPLE CYANIDE MG/L	215 TOTAL CADMIUM MG/L	229 TOTAL LEAD MG/L
22 07 75 1700			.3		11212									
18 08 75 1620			.3		11258						0.01 L			
22 09 75 1650			.3		11324									
27 10 75 1530			.3		11351						0.03			
17 11 75 1745			.3		11397									
08 12 75 1610			.3		11460						0.01			
MAXIMUM											0.03			
AVG OR GEOM MN (*)											0.02 D			
MINIMUM											0.01			
NO OF SAMPLES											3			

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	65 MAG NESIUM MG/L	74 TOT. MAG NESIUM MG/L	200 MANGNESE MN MG/L	235 TOTAL MERCURY UG/L	238 TOTAL NICKEL MG/L	249 TOTAL ZINC MG/L	217 TOTAL COBALT MG/L	218 BARIUM MG/L	219 SELENIUM MG/L	361 SOLVENT EXTRBLES MG/L
22 07 75 1700			.3											3
19 08 75 1620			.3						0.12					2
22 09 75 1650			.3											2L
27 10 75 1530			.3						0.58	0.060				2
17 11 75 1745			.3											12
08 12 75 1610			.3						0.52	0.400				2
MAXIMUM									0.58	0.400				12
AVG OR GEOM MN (*)									0.41	0.230				4D
MINIMUM									0.12	0.060				2
NO OF SAMPLES									3	2				6

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SAMPLE INFORMATION SYSTEM       STATION SUMMARY REPORT - RIVER BASINS                         DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: CANARD RIVER                                                                      STATION ID:  10-0002-001-02
 SAMPLE POINT: HIGHWAY 18, 2 MILES SOUTH OF RIVER CANARD
 STATION TYPE: RIVER                                    MAJOR BASIN: GREAT LAKES                                STORET CODE: 02
                                                        MINOR BASIN: LAKE ERIE                                               003
                                                        TERM STREAM: CANARD RIVER                                            2700

STN NO     1      LAT               LONG                 U.T.M. 17 0326710.0 4670400.0 4      REGION 01            MILEAGE    0.50

                                     934        901      444         80        81        84        88      805          3         1
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE       SCD  FLOW CFS     TOTAL     FECAL      M.F.    PSEUD.     WATER     DISS.      5-DAY
DY MO YR LMT   DIST BRG DEPTH           NO                      COLIFORM  COLIFORM    ENTER.       MPA     TEMP.        O2        BOD
               FEET      MTRS                                   MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L       MG/L

17 02 75 1530              .3       11049    4                    190.       12.       12.                  2.0     11.0         2.5
17 03 75 1615              .3       11079    6 9                 2100.       12.       12.                  6.2     15.0         2.0
09 04 75 1035              .3       11111    6                   1400.        8.       16.                  4.8     12.6         2.5
13 05 75 1700              .3       11147    6                     32.        4.  L     4.  L              19.0      9.4         3.0


                      MAXIMUM                                    2100.       12.       16.                 19.0     15.0         3.0
           AVG OR GEOM MN (*)                                     366.*       8.* D    10.* D               8.0     12.0         2.5
                      MINIMUM                                      32.        4.        4.                  2.0      9.4         2.0

                NO OF SAMPLES                                          4         4         4                    4         4         4

                                      33         34       19         20        21        22        16        14        56        55
SAMP DTE HOUR  STN  STN SAMP  PJ     TOTAL   FILTERED FILTERED     TOTAL   NITRITE   NITRATE     TURB.      COND.  CHLORIDE        PH
DY MO YR LMT   DIST BRG DEPTH            P  REACTIVE   AMMONIA  KJELDAHL     NO2-N     NO3-N  FORMAZIN        25C      MG/L    AT LAB
               FEET      MTRS         MG/L    P MG/L      MG/L      MG/L      MG/L      MG/L     UNITS      UMHOS

17 02 75 1530              .3        0.059     0.029     0.16      0.64     0.025     1.500     25.00       580      78.
17 03 75 1615              .3        0.120     0.040     0.06      0.91     0.037     5.600     40.00       690      52.
09 04 75 1035              .3        0.120     0.016     0.04      0.98     0.036     5.100     61.00       980     140.
13 05 75 1700              .3        0.130     0.006     0.07      1.20     0.064     2.000     25.00       950     144.


                      MAXIMUM        0.130     0.040     0.16      1.20     0.064     5.600     61.00       980     144.
           AVG OR GEOM MN (*)        0.107     0.023     0.08      0.93     0.041     3.550     37.75       800     103.
                      MINIMUM        0.059     0.006     0.04      0.64     0.025     1.500     25.00       580      52.

                NO OF SAMPLES            4         4         4         4         4         4         4         4         4
                                      59          5         6         7      107         67        66        45        47        41
SAMP DTE HOUR  STN  STN SAMP  PJ  SULPHATE     TOTAL     SUSP.     DISS.     DISS.   PTSSIUM    SODIUM     TOT C   ORGANIC        COD
DY MO YR LMT   DIST BRG DEPTH                 SOLIDS    SOLIDS    SOLIDS    SOLIDS         K        NA      AS C    C AS C
               FEET      MTRS         MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L       MG/L

17 02 75 1530              .3                  430.      15.       415
09 04 75 1035              .3                  700.      60.       640
13 05 75 1700              .3                  650.      50.       600


                      MAXIMUM                  700.      60.       640
           AVG OR GEOM MN (*)                  593.      41.       552
                      MINIMUM                  430.      15.       415

                NO OF SAMPLES                      3         3         3
```

SAMPLE INFORMATION SYSTEM　　STATION SUMMARY REPORT - RIVER BASINS　　DATE OF REPORT 28 OCT 77

B.O.W./ SITE: CANARD RIVER
SAMPLE POINT: 2 MILES SOUTH OF LUKERVILLE
STATION TYPE: RIVER

STATION ID: 10-0002-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: CANARD RIVER

STORET CODE: 02
003
2700

STN NO 2　LAT　LONG　U.T.M. 17 0333250.0 4669200.0 4　REGION 01　MILEAGE 7.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
11 06 75 1410			.3		11166	6		6500.	90.	190.		18.0	6.6	2.0
22 07 75 1600			.3		11211	6 9		1000.	52.	4. L		27.0	9.7	0.2
18 08 75 1540			.3		11257	6 9		12000.	1700.	308.	68.	26.1	6.7	2.0
22 09 75 1625			.3		11323	6 9		10000.	620.	208.	12.	15.1	8.3	2.4
27 10 75 1500			.3		11350	6		120.	32.	60.		12.0	10.2	1.5
17 11 75 1700			.3		11396	6		100.	12.	40.	4. L	8.0	8.4	2.1
08 12 75 1500			.3		11459	6		20000.	820.	2700.		2.9	10.0	2.9
MAXIMUM								20000.	1700.	2700.	68.	27.0	10.2	2.9
AVG OR GEOM MN (*)								2111.*	148.*	118.* D	15.* D	15.6	8.6	1.9
MINIMUM								100.	12.	4.	4.	2.9	6.6	0.2
NO OF SAMPLES								7	7	7	3	7	7	7

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
11 06 75 1410			.3		0.159	0.034	0.17	1.42	0.086	2.030	65.00	925	60.	
22 07 75 1600			.3		0.050	0.003	0.46	0.94	0.012	0.010L	15.00	3350	340.	
18 08 75 1540			.3		0.138	0.008	0.07	1.15	0.010	0.020	130.00	3670	360.	
22 09 75 1625			.3		0.400	0.097	0.10	1.34	0.043	0.867	270.00	920	57.	
27 10 75 1500			.3		0.104	0.040	0.24	1.08	0.012	0.050	23.00	1850	170.	
17 11 75 1700			.3		0.098	0.069	0.27	0.46	0.023	0.110	20.00	1450	150.	
08 12 75 1500			.3		0.226	0.159	0.19	1.45	0.063	4.200	88.00	580	34.	
MAXIMUM					0.400	0.159	0.46	1.45	0.086	4.200	270.00	3670	360.	
AVG OR GEOM MN (*)					0.168	0.059	0.21	1.12	0.036	1.041D	87.29	1821	167.	
MINIMUM					0.050	0.003	0.07	0.46	0.010	0.010	15.00	580	34.	
NO OF SAMPLES					7	7	7	7	7	7	7	7	7	

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
11 06 75 1410			.3			828.	90.	738						
22 07 75 1600			.3			3435.	17.	3418						
18 08 75 1540			.3			3754.	256.	3498						
22 09 75 1625			.3			1004.	283.	721						
27 10 75 1500			.3			1414.	23.	1391						
17 11 75 1700			.3			1082.	27.	1055						
08 12 75 1500			.3			526.	30.	496						
MAXIMUM						3754.	283.	3498						
AVG OR GEOM MN (*)						1720.	103.	1617						
MINIMUM						526.	17.	496						
NO OF SAMPLES						7	7	7						

SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

STATION ID: 11-0001-001-02

B.O.W./ SITE: CHIPPAWA CANAL
SAMPLE POINT: WHIRLPOOL ROAD, NIAGARA FALLS
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: WELLAND SHIP CANAL

STORET CODE: 02
004
5170

STN NO   1   LAT   LONG   U.T.M. 17 0656075.0 4776300.0 4   REGION 02   MILEAGE 2.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
19 02 75 1025			.3		17062	6						0.0	19.0	0.4
06 03 75 1000			.3		17085	6		4700.	500.	250.		1.0	18.0	1.4
10 04 75 0930			.3		17118	6		5600.	930.	410.		2.0	14.0	0.8
05 05 75 0915			.3		17160	6		10900.	380.	50.		6.0	14.5	0.6
04 06 75 1015			.3		17187	6		16400.	130.	40.		16.5	9.5	1.2
17 07 75 0955			.3		17223	6		500.	50.	20.		23.0	7.3	2.2
07 08 75 1120			.3		17258	6		1000.	30.	20.		22.0	7.3	1.6
16 09 75 1030			.3		17292	6		14800.	180.	300.		18.0	9.4	1.0
21 10 75 1230			.3		17336	6		6600.	250.	310.		13.0	9.9	1.2
25 11 75 1205			.3		17364	6		21000E+1	28000.	480.		7.0	11.4	0.8
08 12 75 1205			.3		17384	6		14900E+1	9300.	1300.		4.0	13.0	1.2
MAXIMUM								21000E+1	28000.	1300.		23.0	19.0	2.2
AVG OR GEOM MN (*)								9677.*	458.*	147.*		10.2	12.1	1.1
MINIMUM								500.	30.	20.		0.0	7.3	0.4
NO OF SAMPLES								10	10	10		11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
19 02 75 1025			.3		0.037	0.021	0.19	0.51	0.004	0.390	7.90	317	27.	8.2
06 03 75 1000			.3		0.055	0.023	0.20	0.58	0.007	0.440	18.00	322	24.	8.2
10 04 75 0930			.3		0.046	0.022	0.48	0.90	0.007	0.700	13.00	320	24.	8.1
05 05 75 0915			.3		0.033	0.004	0.03	0.41	0.003	0.210	9.00	315	23.	8.2
04 06 75 1015			.3		0.072	0.039	0.38	0.94	0.010	0.540	2.60	305	23.	8.1
17 07 75 0955			.3		0.028	0.002	0.07	0.75	0.006	0.130	3.10	300	23.	8.4
07 08 75 1120			.3		0.055	0.028	0.50	1.20	0.013	0.440	10.00	305	23.	8.4
16 09 75 1030			.3		0.019	0.002	0.05	0.50	0.005	0.100	0.54	300	22.	8.3
21 10 75 1230			.3		0.050	0.010	0.44	1.10	0.006	0.330	6.00	345	22.	8.3
25 11 75 1205			.3		0.046	0.023	0.13	0.46	0.004	0.180	5.00	325	23.	8.0
08 12 75 1205			.3		0.054	0.019	0.16	0.58	0.008	0.410	20.00	325	23.	8.2
MAXIMUM					0.072	0.039	0.50	1.20	0.013	0.700	20.00	345	27.	8.4
AVG OR GEOM MN (*)					0.045	0.018	0.24	0.72	0.007	0.352	8.65	316	23.	8.2
MINIMUM					0.019	0.002	0.03	0.41	0.003	0.100	0.54	300	22.	8.0
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
19 02 75 1025			.3		17062	1.	96	132		0.45	5L	1.	0.1	0.13
06 03 75 1000			.3		17085	0.	97	136		1.10	20			
10 04 75 0930			.3		17118	2.	94	130		2.00	20			
05 05 75 0915			.3		17160	2.	94	131		0.35	5			
04 06 75 1015			.3		17187	1.	94	127		0.15	10			
17 07 75 0955			.3		17223	0.	91	127		0.20	5			
07 08 75 1120			.3		17258	0.	92		130.	0.20	10			
16 09 75 1030			.3		17292	0.	93		129.	0.22	5			
21 10 75 1230			.3		17336	1.	97		125.	0.17	5			
25 11 75 1205			.3		17364	3.	95		134.	0.29	10			
08 12 75 1205			.3		17384	3.	94		132.	1.10	15			
MAXIMUM						3.	97	136	134.	2.00	20	1.	0.1	0.13
AVG OR GEOM MN (*)						1.	94	131	130.	0.57	10D	1.	0.1	0.13
MINIMUM						0.	91	127	125.	0.15	5	1.	0.1	0.13
NO OF SAMPLES						11	11	6	5	11	11	1	1	1

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM · K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
19 02 75 1025			.3		27.	220.	10.	210		1.7	13.00			20
06 03 75 1000			.3			240.	29.	211						
10 04 75 0930			.3			210.	8.	202						
05 05 75 0915			.3			215.	10.		205					
04 06 75 1015			.3			202.	4.		198					
17 07 75 0955			.3			200.	5.		195					
07 08 75 1120			.3			205.	7.		198					
16 09 75 1030			.3			215.	10.		205					
21 10 75 1230			.3			237.	13.		224					
25 11 75 1205			.3			220.	9.		211					
08 12 75 1205			.3			228.	17.		211					
MAXIMUM					27.	240.	29.	211	224	1.7	13.00			20
AVG OR GEOM MN (*)					27.	217.	11.	208	206	1.7	13.00			20
MINIMUM					27.	200.	4.	202	195	1.7	13.00			20
NO OF SAMPLES					1	11	11	3	8	1	1			1

SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

B.O.W./ SITE: WELLAND RIVER
SAMPLE POINT: AT MONTROSE BRIDGE
STATION TYPE: RIVER

STATION ID: 11-0001-003-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: WELLAND RIVER

STORET CODE: 02
004
5400

STN NO 3   LAT   LONG   U.T.M. 17 0652850.0 4767450.0 4   REGION 02   MILEAGE 8.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
08 01 75 1025			.3		17023	6 9		90000.	900.	1500. G		2.0	13.0	1.2
12 02 75 0950			.3		17054	6		62000.	4300.	800.		1.0	17.0	1.6
06 03 75 1040			.3		17087	6		8000.	2200.	800.		1.0	16.0	2.2
10 04 75 1020			.3		17120	6		55000.	5100.	900.		3.5	12.0	1.6
05 05 75 0955			.3		17152	6 9		15000. G	8700.	1200.		10.5	10.5	2.1
04 06 75 1100			.3		17188	6 9		12700E+1	1500.	100. L		17.5	9.5	1.6
17 07 75 1040			.3		17224	6		36000.	3000.	100. L		24.5	6.8	1.4
07 08 75 1210			.3		17259	6		63000.	1000.	100.			7.2	1.6
16 09 75 1100			.3		17293	6		19000.	3500.	40.		18.0	7.5	1.0
21 10 75 1310			.3		17337	6		5000.	600.	80.		13.5	9.6	1.2
25 11 75 1300			.3		17365	6		10300.	870.	220.		6.5	11.5	0.8
08 12 75 1240			.3		17387	6 9		19000.	1900.	1500. G		2.0	12.7	2.4
MAXIMUM								12700E+1	8700.	1500.		24.5	17.0	2.4
AVG OR GEOM MN (*)								27621.* U	2062.*	319.* E		9.1	11.1	1.6
MINIMUM								5000.	600.	40.		1.0	6.8	0.8
NO OF SAMPLES								12	12	12		11	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
08 01 75 1025			.3		0.120	0.065	1.80	2.80	0.014	1.600	8.90	360	26.	
12 02 75 0950			.3		0.100	0.052	2.50	4.10	0.012	1.500	18.00	350	25.	
06 03 75 1040			.3		0.220	0.130	2.40	3.80	0.045	2.900	91.00	327	19.	
10 04 75 1020			.3		0.160	0.061	1.60	2.80	0.022	2.500	53.00	325	20.	
05 05 75 0955			.3		0.980	0.610	7.00	16.00	0.065	8.700	6.00	455	24.	
04 06 75 1100			.3		2.800	2.300	22.00	30.00	0.098	15.000	7.50	570	24.	
17 07 75 1040			.3		0.180	0.100	2.00	2.70	0.037	1.900	25.00	355	25.	7.9
07 08 75 1210			.3		0.540	0.350			0.110	7.400	17.00	425	24.	8.4
16 09 75 1100			.3		0.088	0.063	0.27	0.82	0.024	0.730	4.10	345	24.	8.2
21 10 75 1310			.3		0.077	0.031	3.90	8.90	0.030	1.400	8.10	380	25.	8.5
25 11 75 1300			.3		0.230	0.130	2.30	5.00	0.021	1.400	18.00	365	24.	8.2
08 12 75 1240			.3		0.260	0.075	0.60	3.10	0.046	2.200	120.00	360	22.	7.8
MAXIMUM					2.800	2.300	22.00	30.00	0.110	15.000	120.00	570	26.	8.5
AVG OR GEOM MN (*)					0.480	0.331	4.22	7.28	0.044	3.936	31.38	385	23.	8.2
MINIMUM					0.077	0.031	0.27	0.82	0.012	0.730	4.10	325	19.	7.8
NO OF SAMPLES					12	12	11	11	12	12	12	12	12	6

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
08 01 75 1025			.3		17023									
12 02 75 0950			.3		17054									
06 03 75 1040			.3		17087									
10 04 75 1020			.3		17120									
05 05 75 0955			.3		17152									
04 06 75 1100			.3		17188									
17 07 75 1040			.3		17224	3.	95	140		0.50	5			
07 08 75 1210			.3		17259	0.	101		143.	0.75	10			
16 09 75 1100			.3		17293	1.	95		134.	1.30	5L			
21 10 75 1310			.3		17337	0.	106		132.	0.67	10			
25 11 75 1300			.3		17365	0.	106		148.	0.77	15			
08 12 75 1240			.3		17387	6.	81		156.	6.20	70G			
MAXIMUM						6.	106	140	156.	6.20	70			
AVG OR GEOM MN (*)						1.	97	140	142.	1.70	19E			
MINIMUM						0.	81	140	132.	0.50	5			
NO OF SAMPLES						6	6	1	5	6	6			

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
08 01 75 1025			.3			250.	15. L		235					
12 02 75 0950			.3			230.	7.	223						
06 03 75 1040			.3			320.	57.	263						
10 04 75 1020			.3			280.	16.	264						
05 05 75 0955			.3			270.	8.	262						
04 06 75 1100			.3			300.	11.	289						
17 07 75 1040			.3			246.	15.		231					
07 08 75 1210			.3			218.	18.	200						
16 09 75 1100			.3			276.	26.		250					
21 10 75 1310			.3			260.	13.		247					
25 11 75 1300			.3			245.	8.		237					
08 12 75 1240			.3			306.	72.		234					
MAXIMUM						320.	72.	289	250					
AVG OR GEOM MN (*)						266.	22. D	250	239					
MINIMUM						218.	7.	200	231					
NO OF SAMPLES						12	12	6	6					

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SAMPLE INFORMATION SYSTEM        STATION SUMMARY REPORT - RIVER BASINS                     DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: WELLAND RIVER                                                                 STATION ID:  11-0001-004-02
 SAMPLE POINT: BRIDGEWATER STREET, CHIPPAWA
 STATION TYPE: RIVER                                    MAJOR BASIN: GREAT LAKES                          STORET CODE: 02
                                                        MINOR BASIN: LAKE ONTARIO                                      004
                                                        TERM STREAM: WELLAND RIVER                                     5400

STN NO     4       LAT                   LONG            U.T.M. 17 0658600.0 4769100.0 4    REGION 02            MILEAGE   12.20


                                       934       901       444        80        81        84        88       805         3         1
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE       SCD  FLOW CFS     TOTAL     FECAL      M.F.    PSEUD.     WATER     DISS.     5-DAY
DY MO YR LMT   DIST BRG DEPTH           NO                      COLIFORM  COLIFORM    ENTER.       MPA     TEMP.        O2       BOD
               FEET      MTRS                                   MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L

08 01 75 1000               .3       17022         6                420.      160.      124.                 2.5      15.0       0.4
12 02 75 0935               .3       17053         6                960.      130.    10.  L                 0.0      19.0       1.4
06 03 75 1030               .3       17086         6                120.       30.       20.                 0.5      19.0       1.0
10 04 75 0955               .3       17119         6               1030.      240.    10.  L                 2.0      13.5       0.8
05 05 75 0945               .3       17151         6                690.      130.    10.  L                 8.0      14.0       0.5


                       MAXIMUM                                     1030.      240.      124.                 8.0      19.0       1.4
            AVG OR GEOM MN (*)                                     510.*     114.*    19.* D                 2.6      16.1       0.8
                       MINIMUM                                      120.       30.       10.                 0.0      13.5       0.4

                NO OF SAMPLES                                          5         5         5                   5         5         5

                                        33        34        19        20        21        22        16        14        56        55
SAMP DTE HOUR  STN  STN SAMP  PJ     TOTAL  FILTERED  FILTERED     TOTAL   NITRITE   NITRATE     TURB.     COND.  CHLORIDE        PH
DY MO YR LMT   DIST BRG DEPTH            P  REACTIVE   AMMONIA  KJELDAHL     NO2-N     NO3-N  FORMAZIN       25C      MG/L    AT LAB
               FEET      MTRS         MG/L    P MG/L      MG/L      MG/L      MG/L      MG/L     UNITS     UMHOS

08 01 75 1000               .3       0.020     0.004    0.01 L      0.30     0.002     0.140      3.80       300       24.
12 02 75 0935               .3       0.022     0.009      0.01      0.27     0.003     0.230     10.00       310       24.
06 03 75 1030               .3       0.041     0.014      0.03      0.29     0.004     0.290     15.00       310       23.
10 04 75 0955               .3       0.050     0.013      0.03      0.30     0.004     0.340      8.80       310       24.
05 05 75 0945               .3       0.032     0.002    0.01 L      0.30     0.002     0.250      4.20       310       22.


                       MAXIMUM       0.050     0.014      0.03      0.30     0.004     0.340     15.00       310       24.
            AVG OR GEOM MN (*)       0.033     0.008    0.02 D      0.29     0.003     0.250      8.36       308       23.
                       MINIMUM       0.020     0.002      0.01      0.27     0.002     0.140      3.80       300       22.

                NO OF SAMPLES            5         5         5         5         5         5         5         5         5

                                        59         5         6         7       107        67        66        45        47        41
SAMP DTE HOUR  STN  STN SAMP  PJ  SULPHATE     TOTAL     SUSP.     DISS.     DISS.   PTSSIUM    SODIUM     TOT C   ORGANIC       COD
DY MO YR LMT   DIST BRG DEPTH                 SOLIDS    SOLIDS    SOLIDS    SOLIDS         K        NA      AS C    C AS C
               FEET      MTRS         MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

08 01 75 1000               .3                  210.     15. L                 195
12 02 75 0935               .3                  200.        7.       193
06 03 75 1030               .3                  200.       28.       172
10 04 75 0955               .3                  200.        8.       192
05 05 75 0945               .3                  210.        8.                 202


                       MAXIMUM                  210.       28.       193       202
            AVG OR GEOM MN (*)                  204.     13. D       186       199
                       MINIMUM                  200.        7.       172       195

                NO OF SAMPLES                      5         5         3         2
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SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: WELLAND RIVER
SAMPLE POINT: NEW SYPHON AT PORT ROBINSON
STATION TYPE: RIVER

STATION ID: 11-0001-005-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: WELLAND RIVER

STORET CODE: 02
004
5400

STN NO 5 LAT LONG U.T.M. 17 0645650.0 4765450.0 4 REGION 02 MILEAGE 14.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
08 01 75 1045			.3		17024	6 9		14000E+1	2000.	1900.		2.0	13.5	1.2
12 02 75 1010			.3		17055	6		11000E+1	6300.	1400.		0.5	19.0	1.0
06 03 75 1055			.3		17088	6		10000.	500.	500.		1.0	16.0	2.2
10 04 75 1035			.3		17121	6		28000.	3300.	1000.		3.5	13.0	1.2
05 05 75 1015			.3		17153	6 9		23000.	2900.	3500.		10.0	12.0	1.6
04 06 75 1115			.3		17189	6		22000.	200.	100. L		16.0	9.0	1.4
17 07 75 1100			.3		17225	6		19000.	5100.	100. L		23.0	6.1	1.2
07 08 75 1230			.3		17260	6		52000.	1000.	200.		23.0	6.5	1.6
16 09 75 1120			.3		17294	6		23000.	2800.	150.		18.0	7.9	1.0
21 10 75 1330			.3		17338	6		4000.	400.	40.		13.0	9.7	1.6
25 11 75 1325			.3		17366	6		15000.	730.	220.		6.5	11.1	1.2
08 12 75 1300			.3		17385	6 9		27000.	3500.	1500. G		2.5	12.3	2.4
MAXIMUM								14000E+1	6300.	3500.		23.0	19.0	2.4
AVG OR GEOM MN (*)								25627.*	1539.*	403.* E		9.9	11.3	1.5
MINIMUM								4000.	200.	40.		0.5	6.1	1.0
NO OF SAMPLES								12	12	12		12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
08 01 75 1045			.3		0.088	0.036	0.12	0.84	0.013	1.300	15.00	370	26.	
12 02 75 1010			.3		0.051	0.022	0.16	0.59	0.018	0.660	13.00	330	26.	
06 03 75 1055			.3		0.190	0.092	0.27	1.10	0.043	1.500	82.00	305	19.	
10 04 75 1035			.3		0.160	0.052	0.19	0.85	0.020	0.910	48.00	310	20.	
05 05 75 1015			.3		0.100	0.029	0.25	1.10	0.010	0.320	13.00	340	22.	
04 06 75 1115			.3		0.140	0.046	0.30	1.60	0.022	0.440	15.00	350	37.	
17 07 75 1100			.3		0.082	0.018	0.10	0.56	0.050	0.330	24.00	325	25.	8.0
07 08 75 1230			.3		0.098	0.039	0.30	0.68	0.031	0.780	18.00	330	25.	8.2
16 09 75 1120			.3		0.070	0.031	0.09	0.50	0.014	0.170	1.60	325	23.	8.1
21 10 75 1330			.3		0.120	0.051	0.09	0.78	0.035	0.540	15.00	380	24.	8.2
25 11 75 1325			.3		0.090	0.047	0.19	0.70	0.011	0.410	24.00	350	23.	8.0
08 12 75 1300			.3		0.260	0.080	0.22	1.30	0.055	2.000	120.00	360	22.	7.7
MAXIMUM					0.260	0.092	0.30	1.60	0.055	2.000	120.00	380	37.	8.2
AVG OR GEOM MN (*)					0.121	0.045	0.19	0.88	0.027	0.780	32.38	340	24.	8.0
MINIMUM					0.051	0.018	0.09	0.50	0.010	0.170	1.60	305	19.	7.7
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	6

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
08 01 75 1045			.3		17024									
12 02 75 1010			.3		17055									
06 03 75 1055			.3		17088									
10 04 75 1035			.3		17121									
05 05 75 1015			.3		17153									
04 06 75 1115			.3		17189									
17 07 75 1100			.3		17225	2.	94	138		0.75	15			
07 08 75 1230			.3		17260	1.	94		135.	0.85	10			
16 09 75 1120			.3		17294	1.	96		137.	1.60	5			
21 10 75 1330			.3		17338	2.	100		146.	1.10	15			
25 11 75 1325			.3		17366	2.	100		150.	1.00	30			
08 12 75 1300			.3		17385	9.	79		154.	6.20	70G			
MAXIMUM						9.	100	138	154.	6.20	70			
AVG OR GEOM MN (*)						2.	94	138	144.	1.92	24U			
MINIMUM						1.	79	138	135.	0.75	5			
NO OF SAMPLES						6	6	1	5	6	6			

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
08 01 75 1045			.3			255.	15. L		240					
12 02 75 1010			.3			210.	13.	197						
06 03 75 1055			.3			370.	87.	283						
10 04 75 1035			.3			290.	16.	274						
05 05 75 1015			.3			235.	14.	221						
04 06 75 1115			.3			247.	19.		228					
17 07 75 1100			.3			236.	25.		211					
07 08 75 1230			.3			237.	22.		215					
16 09 75 1120			.3			287.	38.		249					
21 10 75 1330			.3			263.	16.		247					
25 11 75 1325			.3			238.	10.		228					
08 12 75 1300			.3			292.	58.		234					
MAXIMUM						370.	87.	283	249					
AVG OR GEOM MN (*)						263.	27. D	244	232					
MINIMUM						210.	10.	197	211					
NO OF SAMPLES						12	12	4	8					

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SAMPLE INFORMATION SYSTEM        STATION SUMMARY REPORT - RIVER BASINS                         DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: LITTLE CATARAQUI CREEK                                                             STATION ID:   12-0002-004-02
 SAMPLE POINT: HIGHWAY 2, 1 MILE SOUTHEAST OF CATARAQUI
 STATION TYPE: RIVER                                     MAJOR BASIN: GREAT LAKES                                 STORET CODE: 02
                                                         MINOR BASIN: LAKE ONTARIO                                             004
                                                         TERM STREAM: LITTLE CATARAQUI CREEK                                   0010

STN NO      4      LAT               LONG                  U.T.M. 18 0377400.0 4900800.0 4     REGION 04              MILEAGE    2.70


                                      934        901       444        80         81        84        88       805          3          1
SAMP DTE HOUR   STN  STN SAMP  PJ    SAMPLE        SCD  FLOW CFS     TOTAL     FECAL      M.F.    PSEUD.     WATER     DISS.      5-DAY
DY MO YR LMT    DIST BRG DEPTH           NO                       COLIFORM  COLIFORM    ENTER.       MPA     TEMP.        02        BOD
                FEET      MTRS                                    MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L       MG/L

13 01 75 1120               .3       36005     3 6 8               1900.      220.        90.                   2.0      10.0        1.4
10 02 75 1150               .3       36022     9 6 8               2800.       90.       490.                   2.0      13.0        1.0
10 03 75 1130               .3       36039     6 8                 3900.      850.       250.                   1.0      13.0        1.0
07 04 75 1130               .3       36056     6 8 0               1800.      550.       300.                   3.0      12.0        0.4
05 05 75 1200               .3       36073     9 6 8               4300.      200.        60.                  11.0       9.0        1.2
02 06 75 1225               .3       36090     6 8                 8800.     2200.       190.                  17.0       9.0        1.2
07 07 75 1100               .3       36107     8 9                  300.      300.       570.                  20.0       7.0      500.0
11 08 75 1030               .3       36123     8 9 0              11500.     1500.  G    770.                  20.0       7.0        1.2
02 09 75 1145               .3       36140     8 9 0              62000.     3700.      4100.                  18.0       9.0        2.4
06 10 75 1120               .3       36157     6 8                 8000.      100.       190.                  15.0      15.0        0.8
10 11 75 1200               .3       36174     6 8                16000.     2200.      2400.                  10.0      13.0        4.0
01 12 75 1215               .3       36191     6 8                12000.     3306.      1200.                   6.0      13.0        0.6


                       MAXIMUM                                    62000.     3700.      4100.                  20.0      15.0      500.0
            AVG OR GEOM MN (*)                                     5276.*     642.* U    427.*                 10.4      10.8       42.9
                       MINIMUM                                      300.       90.        60.                   1.0       7.0        0.4

                 NO OF SAMPLES                                          12        12        12                   12        12         12
                                        33        34        19        20         21        22         16        14        56        55
SAMP DTE HOUR   STN  STN SAMP  PJ     TOTAL   FILTERED  FILTERED     TOTAL   NITRITE   NITRATE      TURB.      COND.  CHLORIDE         PH
DY MO YR LMT    DIST BRG DEPTH            P   REACTIVE   AMMONIA  KJELDAHL     NO2-N     NO3-N   FORMAZIN       25C      MG/L     AT LAB
                FEET      MTRS         MG/L     P MG/L      MG/L      MG/L      MG/L      MG/L      UNITS      UMHOS

13 01 75 1120               .3       0.098      0.021     0.03       3.80     0.007     0.280       5.40       840     115.
10 02 75 1150               .3       0.160      0.039     0.04       1.10     0.005     0.420       9.60       550      69.
10 03 75 1130               .3       0.056      0.021     0.10       0.35     0.007     0.560       2.80       850     154.
07 04 75 1130               .3       0.083      0.027     0.06       0.41     0.007     0.790       5.10       880     150.
05 05 75 1200               .3       0.098      0.055     0.01 L     0.40     0.007     0.360       3.20       470      44.
02 06 75 1225               .3       0.120      0.066     0.02       0.53     0.005     0.130       2.20       485
07 07 75 1100               .3       3.100      0.310     5.00      21.00     0.006     0.010L    999.00       780      36.
11 08 75 1030               .3       0.140      0.100     0.02       0.47     0.018     0.480       1.80       400      39.
02 09 75 1145               .3       0.180      0.057     0.07       0.75     0.050     0.680      20.00       475      46.
06 10 75 1120               .3       0.071      0.043     0.03       0.39     0.008     0.250       2.60       575      58.
10 11 75 1200               .3       0.210      0.045     0.02       0.80     0.022     0.280       3.00       235      13.
01 12 75 1215               .3       0.068      0.007     0.04       0.48     0.010     0.470      12.00       610      75.


                       MAXIMUM       3.100      0.310     5.00      21.00     0.050     0.790     999.00       880     154.
            AVG OR GEOM MN (*)       0.365      0.066     0.45 D     2.54     0.013     0.393D     88.89       596      72.
                       MINIMUM       0.056      0.007     0.01       0.35     0.005     0.010       1.80       235      13.

                 NO OF SAMPLES          12         12       12         12        12        12         12        12        11
                                        59         5         6         7        107        67        66        45         47        41
SAMP DTE HOUR   STN  STN SAMP  PJ  SULPHATE      TOTAL     SUSP.     DISS.     DISS.   PTSSIUM     SODIUM     TOT C    ORGANIC        COD
DY MO YR LMT    DIST BRG DEPTH                  SOLIDS    SOLIDS    SOLIDS    SOLIDS         K         NA      AS C     C AS C
                FEET      MTRS         MG/L       MG/L      MG/L      MG/L      MG/L      MG/L       MG/L      MG/L       MG/L       MG/L

13 01 75 1120               .3                  610.       15. L      595
10 02 75 1150               .3                  360.       18.        342
10 03 75 1130               .3                  550.        5.        545
07 04 75 1130               .3                  660.       11.        649
05 05 75 1200               .3                  320.        8.        312
02 06 75 1225               .3                  330.        4.        326
07 07 75 1100               .3                 2262.     1396.        866
11 08 75 1030               .3                  278.       18.                  210
02 09 75 1145               .3                  437.       33.        404
06 10 75 1120               .3                  379.        4.        375
10 11 75 1200               .3                  217.       85.        132
01 12 75 1215               .3                  374.       19.        355


                       MAXIMUM                 2262.     1396.        866       210
            AVG OR GEOM MN (*)                  564.      134. D      446       210
                       MINIMUM                  217.        4.        132       210

                 NO OF SAMPLES                    12        12         11         1
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SAMPLE INFORMATION SYSTEM         STATION SUMMARY REPORT - RIVER BASINS                         DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: LITTLE CATARAQUI CREEK                                                                    STATION ID:  12-0002-005-02
 SAMPLE POINT: DIVISION STREET, KINGSTON
 STATION TYPE: RIVER
                                                              MAJOR BASIN: GREAT LAKES                                    STORET CODE: 02
                                                              MINOR BASIN: LAKE ONTARIO                                                004
                                                              TERM STREAM: LITTLE CATARAQUI CREEK                                      0010

STN NO      5        LAT                 LONG                 U.T.M. 18 0380175.0 4905100.0 4       REGION 04            MILEAGE      6.80


                                          934       901      444        80          81          84          88        805          3           1
SAMP DTE HOUR  STN  STN SAMP  PJ       SAMPLE        SCD  FLOW CFS    TOTAL       FECAL        M.F.      PSEUD.     WATER      DISS.       5-DAY
DY MO YR LMT   DIST BRG DEPTH              NO                       COLIFORM    COLIFORM      ENTER.        MPA      TEMP.         O2         BOD
               FEET       MTRS                                      MF/100ML    MF/100ML    MF/100ML    MF/100ML    DEG C       MG/L        MG/L

13 01 75 1145               .3          36006    6 8                  880.        260.       1500.  L                0.0        11.0         7.0
10 02 75 1215               .3          36023    4 6 8               3000.         10.  L      10.                   0.0         7.0        14.0
10 03 75 1200               .3          36040    4 6 8                 10.  L      10.         20.                   0.0         9.0         6.0
07 04 75 1145               .3          36057    6 8                  100.  L      10.  L      10.  L                2.0        12.0
05 05 75 1225               .3          36074    6 8                   50.         20.         10.  L               13.0         6.0         1.8
02 06 75 1300               .3          36091    6 8                  470.        350.        140.                  20.0         7.0         1.6
07 07 75 1120               .3          36108    6 8                57000.       3000.      10000.  L               23.0         7.0         1.6
11 08 75 1110               .3          36124    6 8                 4000.       1000.  L    8000.                  20.0         4.0         1.2
02 09 75 1210               .3          36141    6 8                 4000.        400.       2500.                  17.0         4.0         1.6
06 10 75 1150               .3          36158    6 8                 7000.       1000.        300.                  13.0         3.0        36.0
10 11 75 1230               .3          36175    6 8                 1500.        120.        260.                  13.0         6.0         0.4
01 12 75 1240               .3          36192    6 8                10000.        100.       1700.                   3.0        12.0         1.8


                       MAXIMUM                                      57000.       3000.      10000.                  23.0        12.0        36.0
           AVG OR GEOM MN (*)                                        1160.* D     131.* D     263.* D               10.3         7.3         6.6
                       MINIMUM                                         10.         10.         10.                   0.0         3.0         0.4

               NO OF SAMPLES                                            12          12          12                    12          12          11

                                         33         34         19         20          21          22          16         14          56          55
SAMP DTE HOUR  STN  STN SAMP  PJ       TOTAL  FILTERED   FILTERED      TOTAL     NITRITE     NITRATE       TURB.      COND.   CHLORIDE          PH
DY MO YR LMT   DIST BRG DEPTH              P  REACTIVE   AMMONIA    KJELDAHL       NO2-N       NO3-N    FORMAZIN       25C        MG/L      AT LAB
               FEET       MTRS          MG/L   P MG/L       MG/L        MG/L        MG/L        MG/L       UNITS     UMHOS

13 01 75 1145               .3         0.054     0.020      0.55        2.60       0.014       0.380        9.60       430         17.
10 02 75 1215               .3         1.300     0.012      0.36        7.50       0.040       1.400      140.00       650         28.
10 03 75 1200               .3         0.061     0.003      0.15        0.63       0.012       1.000        3.00       580         27.
07 04 75 1145               .3         0.033     0.002      0.10        0.53       0.007       0.880        3.60       490         22.
05 05 75 1225               .3         0.033     0.002      0.01 L      0.44       0.005       0.050        2.00       435         18.
02 06 75 1300               .3         0.120     0.039      0.06        1.10       0.013       0.020        5.10       435
07 07 75 1120               .3         0.190     0.045      0.08        0.94       0.051       0.080       17.00       450         22.
11 08 75 1110               .3         0.180     0.078      0.01 L      1.00       0.024       0.230       16.00       485         23.
02 09 75 1210               .3         0.180     0.057      0.06        0.95       0.028       0.210       19.00       540         23.
06 10 75 1150               .3         0.065     0.001      0.01 L      1.30       0.007       0.010L       1.70       700         27.
10 11 75 1230               .3         0.048     0.007      0.02        0.80       0.011       0.170        3.10       520         24.
01 12 75 1240               .3         0.048     0.007      0.08        0.70       0.014       1.500       11.00       426         16.


                       MAXIMUM         1.300     0.078      0.55        7.50       0.051       1.500      140.00       700         28.
           AVG OR GEOM MN (*)          0.193     0.023      0.12 D      1.54       0.019       0.494D      19.26       512         22.
                       MINIMUM         0.033     0.001      0.01        0.44       0.005       0.010        1.70       426         16.

               NO OF SAMPLES              12        12        12          12          12          12          12        12          11

                                          59          5          6          7         107          67          66         45          47          41
SAMP DTE HOUR  STN  STN SAMP  PJ    SULPHATE      TOTAL      SUSP.      DISS.       DISS.     PTSSIUM      SODIUM      TOT C     ORGANIC         COD
DY MO YR LMT   DIST BRG DEPTH                    SOLIDS     SOLIDS     SOLIDS      SOLIDS           K          NA       AS C      C AS C
               FEET       MTRS          MG/L       MG/L       MG/L       MG/L        MG/L        MG/L        MG/L       MG/L        MG/L        MG/L

13 01 75 1145               .3                     310.        15. L      295
10 02 75 1215               .3                    1080.       666.        414
10 03 75 1200               .3                     380.         4.        376
07 04 75 1145               .3                     310.         7.        303
05 05 75 1225               .3                     290.         3.        287
02 06 75 1300               .3                     300.        17.        283
07 07 75 1120               .3                     302.        30.        272
11 08 75 1110               .3                     360.        36.        324
02 09 75 1210               .3                     436.        41.        395
06 10 75 1150               .3                     458.        12.        446
10 11 75 1230               .3                     374.         5.        369
01 12 75 1240               .3                     270.         8.        262


                       MAXIMUM                    1080.       666.        446
           AVG OR GEOM MN (*)                      405.        70. D      336
                       MINIMUM                     270.         3.        262

               NO OF SAMPLES                        12         12          12
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SAMPLE INFORMATION SYSTEM        STATION SUMMARY REPORT - RIVER BASINS                        DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: LITTLE CATARAQUI CREEK                                                          STATION ID:  12-0002-007-02
 SAMPLE POINT: DOWNSTREAM FROM SEWAGE PUMPING STATION, LAPANS LANE, KINGSTON
 STATION TYPE: RIVER                                      MAJOR BASIN: GREAT LAKES                             STORET CODE: 02
                                                          MINOR BASIN: LAKE ONTARIO                                         004
                                                          TERM STREAM: LITTLE CATARAQUI CREEK                               0010

STN NO      7       LAT                 LONG              U.T.M. 18 0379325.0 4902525.0 4     REGION 04            MILEAGE    4.80


                                      934        901        444         80         81         84         88        805          3          1
SAMP DTE HOUR  STN  STN SAMP  PJ   SAMPLE        SCD   FLOW CFS      TOTAL      FECAL       M.F.     PSEUD.      WATER      DISS.      5-DAY
DY MO YR LMT   DIST BRG DEPTH          NO                         COLIFORM   COLIFORM     ENTER.        MPA      TEMP.         O2        BOD
               FEET      MTRS                                     MF/100ML   MF/100ML   MF/100ML   MF/100ML      DEG C       MG/L       MG/L

13 01 75 1220              .3       36007    6 8                      970.       210.       100.                   0.0       12.0        1.6
10 02 75 1240              .3       36024    4 6 8                    300.        20.        20.                   0.0        5.0        2.8
10 03 75 1240              .3       36041    4 6 8                     20.         1.        28.                   0.0        8.0        1.0
07 04 75 1230              .3       36058    6 8                       60.        10. L      30.                   3.0        6.0        0.6
05 05 75 1235              .3       36075    0 8                      110.        16.        28.                  12.0        7.0        1.6
02 06 75 1320              .3       36092    6 8                      270.       136.        68.                  17.0       10.0        0.8
07 07 75 1130              .3       36109    6 8                      180.        10. L      10. L                21.0        6.0        1.6
11 08 75 1130              .3       36125    6 8                     1500. G   61500.      1500.                  23.0        6.0        2.8
02 09 75 1250              .3       36142    6 8                      980.       150.      1500. G                20.0        6.0        1.0
06 10 75 1210              .3       36159    6 8                     3100.        60.       100.                  13.0        7.0        1.4
10 11 75 1245              .3       36176    6 8                      600.        80.        50.                  13.0        8.0        0.8
01 12 75 1300              .3       36193    6 8                     2000.       200.       180.                   4.0       19.0        1.6


                      MAXIMUM                                        3100.      61500.      1500.                  23.0       19.0        2.8
           AVG OR GEOM MN (*)                                        384.* U     67.* D     80.* E                10.5        8.3        1.5
                      MINIMUM                                          20.         1.        10.                   0.0        5.0        0.6

                NO OF SAMPLES                                           12         12         12                    12         12         12

                                       33         34         19         20         21         22         16         14         56         55
SAMP DTE HOUR  STN  STN SAMP  PJ    TOTAL   FILTERED   FILTERED      TOTAL    NITRITE    NITRATE      TURB.      COND.   CHLORIDE         PH
DY MO YR LMT   DIST BRG DEPTH           P   REACTIVE    AMMONIA   KJELDAHL      NO2-N      NO3-N   FORMAZIN        25C       MG/L     AT LAB
               FEET      MTRS        MG/L     P MG/L       MG/L       MG/L       MG/L       MG/L      UNITS      UMHOS

13 01 75 1220              .3       0.042      0.012       0.02       0.44      0.006      0.370       3.50        570        52.
10 02 75 1240              .3       0.110      0.015       0.30       1.40      0.020      0.800      46.00       1550       302.
10 03 75 1240              .3       0.038      0.012       0.04       0.31      0.007      0.680       2.90        930       145.
07 04 75 1230              .3       0.019      0.009       0.01       0.24      0.005      0.730       2.30        730       100.
05 05 75 1235              .3       0.048      0.018       0.01 L     0.26      0.004      0.070       2.00        650        18.
02 06 75 1320              .3       0.064      0.010       0.05       0.58      0.072      1.100      17.00        700
07 07 75 1130              .3       0.190      0.045       0.21       0.98      0.011      0.010       9.50        710        38.
11 08 75 1130              .3       0.290      0.160       0.30       1.30      0.300      0.100      10.00        700        65.
02 09 75 1250              .3       0.170      0.088       0.22       0.80      0.007      0.030       4.00        740        72.
06 10 75 1210              .3       0.028      0.006       0.01 L     0.38      0.014      0.120       2.60        750        49.
10 11 75 1245              .3       0.036      0.010       0.02       0.45      0.009      0.360       9.50        600        34.
01 12 75 1300              .3       0.160      0.012       0.05       0.50      0.013      0.720      68.00        555        35.


                      MAXIMUM       0.290      0.160       0.30       1.40      0.300      1.100      68.00       1550       302.
           AVG OR GEOM MN (*)       0.100      0.033       0.10 D     0.64      0.039      0.424      14.78        765        82.
                      MINIMUM       0.019      0.006       0.01       0.24      0.004      0.010       2.00        555        18.

                NO OF SAMPLES          12         12         12         12         12         12         12         12         11

                                       59          5          6          7        107         67         66         45         47         41
SAMP DTE HOUR  STN  STN SAMP  PJ SULPHATE      TOTAL      SUSP.      DISS.      DISS.    PTSSIUM     SODIUM      TOT C    ORGANIC        COD
DY MO YR LMT   DIST BRG DEPTH                 SOLIDS     SOLIDS     SOLIDS     SOLIDS          K         NA       AS C     C AS C
               FEET      MTRS        MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L

13 01 75 1220              .3                  360.        15. L     345
10 02 75 1240              .3                 1160.       155.      1005
10 03 75 1240              .3                  630.         6.       624
07 04 75 1230              .3                  490.         3.       487
05 05 75 1235              .3                  430.         3.       427
02 06 75 1320              .3                  540.        36.       504
07 07 75 1130              .3                  458.        13.       445
11 08 75 1130              .3                  572.       127.       445
02 09 75 1250              .3                  512.        11.       501
06 10 75 1210              .3                  484.         6.       478
10 11 75 1245              .3                  414.        12.       402
01 12 75 1300              .3                  460.       120.       340


                      MAXIMUM                 1160.       155.      1005
           AVG OR GEOM MN (*)                  542.        42. D     500
                      MINIMUM                  360.         3.       340

                NO OF SAMPLES                    12         12         12
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SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: CATARAQUI RIVER
SAMPLE POINT: HIGHWAY 2, KINGSTON (CENTRE)
STATION TYPE: RIVER

STATION ID: 12-0004-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: ST. LAWRENCE RIVER
TERM STREAM: CATARAQUI RIVER

STORET CODE: 02
005
1770

STN NO 1 LAT LONG U.T.M. 18 0382200.0 4890750.0 4 REGION 04 MILEAGE 0.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
13 01 75 1310			.3		36009	6 8		1740.	920.	210.		0.0	13.0	1.6
10 02 75 1320			.3		36026	4 6 8		200.	10. L	10.		0.0	13.0	0.6
10 03 75 1330			.3		36043	4 6 8		90.	20.	10.		0.0	10.0	1.6
07 04 75 1330			.3		36060	6 8		20.	10. L	10. L		1.0	15.0	0.6
05 05 75 1315			.3		36077	6 8		130.	20.	10. L		12.0	10.0	1.3
02 06 75 1355			.3		36094	6 8		170.	28.	1.		17.0	12.0	1.4
07 07 75 1300			.3		36111	6 8		430.	12.	1.		25.0	10.0	2.8
11 08 75 1245			.3		36127	6 8		30.	4.	1.		23.0	10.0	1.6
02 09 75 1345			.3		36144	6 8		100.	20.	1.		19.0	10.0	1.4
06 10 75 1300			.3		36161	6 8		390.	52.	1.		14.0	13.0	1.8
10 11 75 1325			.3		36178	6 8		6600.	80.	68.		13.0	15.0	0.4
01 12 75 1345			.3		36195	6 8		2500.	320.	10.		3.0	20.0	1.6
MAXIMUM								6600.	920.	210.		25.0	20.0	2.8
AVG OR GEOM MN (*)								264.*	32.* D	6.* D		10.6	12.6	1.4
MINIMUM								20.	4.	1.		0.0	10.0	0.4
NO OF SAMPLES								12	12	12		12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
13 01 75 1310			.3		0.062	0.013	0.12	0.74	0.006	0.110	4.20	270	17.	
10 02 75 1320			.3		0.016	0.004	0.03	1.80	0.004	0.190	2.30	240	7.	
10 03 75 1330			.3		0.021	0.008	0.06	0.45	0.006	0.190	1.40	228	7.	
07 04 75 1330			.3		0.030	0.003	0.01	0.41	0.005	0.150	4.10	210	9.	
05 05 75 1315			.3		0.038	0.003	0.04	0.39	0.005	0.050	3.40	220	11.	
02 06 75 1355			.3		0.026	0.003	0.02	0.51	0.005	0.040	2.00	280		
07 07 75 1300			.3		0.091	0.002	0.14	0.89	0.005	0.010L	9.50	275	22.	
11 08 75 1245			.3		0.050	0.003	0.01	0.61	0.002	0.010L	4.80	255	17.	
02 09 75 1345			.3		0.044	0.001	0.01 L	0.52	0.002	0.010L	4.50	290	25.	
06 10 75 1300			.3		0.032	0.001	0.01	0.59	0.006	0.010	3.50	260	18.	
10 11 75 1325			.3		0.037	0.005	0.01	0.48	0.005	0.090	4.60	290	21.	
01 12 75 1345			.3		0.100	0.003	0.02	0.96	0.005	0.130	24.00	263	15.	
MAXIMUM					0.100	0.013	0.14	1.80	0.006	0.190	24.00	290	25.	
AVG OR GEOM MN (*)					0.046	0.004	0.04 D	0.70	0.005	0.083D	5.69	257	15.	
MINIMUM					0.016	0.001	0.01	0.39	0.002	0.010	1.40	210	7.	
NO OF SAMPLES					12	12	12	12	12	12	12	12	11	

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
13 01 75 1310			.3			190.	15.		175					
10 02 75 1320			.3			159.	4.		155					
10 03 75 1330			.3			152.	3.		149					
07 04 75 1330			.3			141.	4.		137					
05 05 75 1315			.3			152.	9.		143					
02 06 75 1355			.3			187.	5.		182					
07 07 75 1300			.3			193.	14.		179					
11 08 75 1245			.3			172.	6.		166					
02 09 75 1345			.3			213.	10.		203					
06 10 75 1300			.3			177.	8.		169					
10 11 75 1325			.3			198.	9.		189					
01 12 75 1345			.3			219.	47.		172					
MAXIMUM						219.	47.		203					
AVG OR GEOM MN (*)						179.	11.		168					
MINIMUM						141.	3.		137					
NO OF SAMPLES						12	12		12					

SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: CATARAQUI RIVER
SAMPLE POINT: AT DAM, KINGSTON MILLS
STATION TYPE: RIVER

STATION ID: 12-0004-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: ST. LAWRENCE RIVER
TERM STREAM: CATARAQUI RIVER

STORET CODE: 02
005
1770

STN NO 2 LAT LONG U.T.M. 18 0385025.0 4905300.0 4 REGION 04 MILEAGE 5.10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
13 01 75 1245			.3		36008	4 6 8		10. L	10. L	20.		0.0	6.0	1.4
10 02 75 1300			.3		36025	6 8		1.	1.	1.		0.0	12.0	0.6
10 03 75 1300			.3		36042	6 8		8.	4.	4.		0.0	12.0	1.0
07 04 75 1300			.3		36059	6 8		1.	1.	1.		1.0	14.0	1.0
05 05 75 1250			.3		36076	6 8		4.	1.	1.		13.0	10.0	1.1
02 06 75 1335			.3		36093	6 8		24.	8.	1.		22.0	10.0	1.0
07 07 75 1200			.3		36110	6 8		12.	1.	1.		25.0	8.0	2.8
11 08 75 1140			.3		36126	6 8		16.	16.	1.		22.0	8.0	2.8
02 09 75 1325			.3		36143	6 8		164.	8.	4.		20.0	9.0	2.0
06 10 75 1230			.3		36160	6 8		12.	1.	4.		13.0	18.0	2.4
10 11 75 1300			.3		36177	6 8		452.	92.	680.		11.0	14.0	0.6
01 12 75 1320			.3		36194	6 8		10.	10. L	10. L		3.0	17.0	1.0
MAXIMUM								452.	92.	680.		25.0	18.0	2.8
AVG OR GEOM MN (*)								12.* D	4.* D	4.* D		10.8	11.5	1.5
MINIMUM								1.	1.	1.		0.0	6.0	0.6
NO OF SAMPLES								12	12	12		12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
13 01 75 1245			.3		0.036	0.002	0.02	0.44	0.003	0.040	0.80	270	5.	
10 02 75 1300			.3		0.027	0.008	0.03	0.62	0.004	0.190	2.60	235	6.	
10 03 75 1300			.3		0.022	0.009	0.08	0.43	0.006	0.190	2.00	230	7.	
07 04 75 1300			.3		0.032	0.004	0.02	0.43	0.004	0.180	3.00	215	6.	
05 05 75 1250			.3		0.028	0.002	0.02	0.44	0.004	0.020	2.00	200	6.	
02 06 75 1335			.3		0.037	0.003	0.01 L	0.49	0.002	0.010	2.10	190		
07 07 75 1200			.3		0.047	0.001	0.01 L	0.77	0.002	0.010L	3.60	150	5.	
11 08 75 1140			.3		0.076	0.011	0.11	0.93	0.003	0.010L	4.30	147	5.	
02 09 75 1325			.3		0.052	0.002	0.01 L	0.82	0.002	0.010L	3.50	165	6.	
06 10 75 1230			.3		0.030	0.001	0.01 L	0.81	0.002	0.010L	2.10	190	5.	
10 11 75 1300			.3		0.038	0.008	0.02	0.87	0.004	0.040	3.70	200	6.	
01 12 75 1320			.3		0.025	0.001L	0.01	0.65	0.006	0.070	2.30	224	7.	
MAXIMUM					0.076	0.011	0.11	0.93	0.006	0.190	4.30	270	7.	
AVG OR GEOM MN (*)					0.038	0.004D	0.03 D	0.64	0.004	0.065D	2.67	201	5.	
MINIMUM					0.022	0.001	0.01	0.43	0.002	0.010	0.80	147	5.	
NO OF SAMPLES					12	12	12	12	12	12	12	12	11	

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
13 01 75 1245			.3			160.	15. L		130					
10 02 75 1300			.3			158.	8.		150					
10 03 75 1300			.3			151.	2.		149					
07 04 75 1300			.3			142.	2.		140					
05 05 75 1250			.3			134.	4.		130					
02 06 75 1335			.3			127.	3.		124					
07 07 75 1200			.3			104.	6.		98					
11 08 75 1140			.3			102.	7.		95					
02 09 75 1325			.3			119.	6.		113					
06 10 75 1230			.3			130.	6.		124					
10 11 75 1300			.3			135.	5.		130					
01 12 75 1320			.3			150.	4.		146					
MAXIMUM						160.	15.		150					
AVG OR GEOM MN (*)						134.	5. D		127					
MINIMUM						102.	2.		95					
NO OF SAMPLES						12	12		12					

SAMPLE INFORMATION SYSTEM　　STATION SUMMARY REPORT - RIVER BASINS　　DATE OF REPORT 28 OCT 77

B.O.W./ SITE: CATARAQUI RIVER
SAMPLE POINT: JONES FALLS
STATION TYPE: RIVER

STATION ID: 12-0004-004-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: ST. LAWRENCE RIVER
TERM STREAM: CATARAQUI RIVER

STORET CODE: 02
005
1770

STN NO 4　LAT　LONG　U.T.M. 18 0401700.0 4932950.0 4　REGION 04　MILEAGE 35.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
14 01 75 1030			.3		36014	6 8		20.	10. L	10. L		0.0	13.0	0.6
11 02 75 1010			.3		36031	6 8		30.	10.	10. L		0.0	12.0	0.6
11 03 75 1020			.3		36048	6 8		10. L	10. L	10. L		0.0	11.0	0.2
09 04 75 0940			.3		36065	6 8		1.	1.	1.		2.0	12.0	0.2
06 05 75 1000			.3		36082	6 8		10. L	10. L	10. L		10.0	14.0	1.2
03 06 75 0930			.3		36099	6 8		50.	50.	30.		20.0	8.0	0.8
08 07 75 1200			.3		36116	6 8		80.	10. L	10. L		27.0	10.0	0.6
12 08 75 1000			.3		36132	6 8		10. L	10. L	10. L		24.0	7.0	0.6
03 09 75 1000			.3		36149	6 8		10. L	10. L	10. L		18.0	10.0	0.6
07 10 75 0930			.3		36166	6 8		190.	1.	1.		11.0	13.0	0.6
12 11 75 0930			.3		36183	6 8		140.	1.	1.		10.0	18.0	0.2
02 12 75 0915			.3		36200	6 8		520.	1.	1.		2.0	18.0	0.6
MAXIMUM								520.	50.	30.		27.0	18.0	1.2
AVG OR GEOM MN (*)								29.* D	5.* D	5.* D		10.3	12.2	0.6
MINIMUM								1.	1.	1.		0.0	7.0	0.2
NO OF SAMPLES								12	12	12		12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
14 01 75 1030			.3		0.023	0.004	0.02	0.70	0.002	0.010L	1.00	198	4.	
11 02 75 1010			.3		0.019	0.007	0.05	0.50	0.004	0.070	6.60	215	5.	
11 03 75 1020			.3		0.013	0.005	0.03	0.42	0.003	0.100	1.50	210	5.	
09 04 75 0940			.3		0.017	0.001	0.01 L	0.37	0.001	0.100	1.20	199	4.	
06 05 75 1000			.3		0.019	0.001L	0.01 L	0.39	0.001	0.020	0.90	180	4.	
03 06 75 0930			.3		0.028	0.010	0.03	0.46	0.002	0.010L	1.00	180	4.	
08 07 75 1200			.3		0.014	0.001	0.01	0.39	0.002	0.010L	1.60	170	4.	
12 08 75 1000			.3		0.022	0.004	0.04	0.76	0.003	0.010L	0.60	170	4.	
03 09 75 1000			.3		0.018	0.003	0.01	0.41	0.001	0.010L	0.90	175	3.	
07 10 75 0930			.3		0.014	0.002	0.01 L	0.37	0.002	0.010L	1.00	185	3.	
12 11 75 0930			.3		0.021	0.001	0.01	0.47	0.001	0.010L	1.00	190	3.	
02 12 75 0915			.3		0.011	0.002	0.01 L	0.38	0.002	0.010L	1.00	180	4.	
MAXIMUM					0.028	0.010	0.05	0.76	0.004	0.100	6.60	215	5.	
AVG OR GEOM MN (*)					0.018	0.003D	0.02 D	0.47	0.002	0.031D	1.53	188	3.	
MINIMUM					0.011	0.001	0.01	0.37	0.001	0.010	0.60	170	3.	
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
14 01 75 1030			.3			144.	15. L		129					
11 02 75 1010			.3			130.	2.	128						
11 03 75 1020			.3			138.	1.		137					
09 04 75 0940			.3			130.	1.		129					
06 05 75 1000			.3			119.	2.		117					
03 06 75 0930			.3			119.	2.		117					
08 07 75 1200			.3			114.	3.		111					
12 08 75 1000			.3			142.	1.		141					
03 09 75 1000			.3			118.	2.		116					
07 10 75 0930			.3			122.	2.		120					
12 11 75 0930			.3			125.	1. L		124					
02 12 75 0915			.3			118.	1.		117					
MAXIMUM						144.	15.	128	141					
AVG OR GEOM MN (*)						126.	2. D	128	123					
MINIMUM						114.	1.	128	111					
NO OF SAMPLES						12	12	1	11					

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SAMPLE INFORMATION SYSTEM       STATION SUMMARY REPORT - RIVER BASINS                          DATE OF REPORT  28 OCT 77

B.O.W./ SITE: CATARAQUI RIVER                                                                     STATION ID:  12-0004-005-02
SAMPLE POINT: AT BRIDGE TO BELL ISLAND, KINGSTON
STATION TYPE: RIVER                                        MAJOR BASIN: GREAT LAKES                             STORET CODE: 02
                                                           MINOR BASIN: ST. LAWRENCE RIVER                                   005
                                                           TERM STREAM: CATARAQUI RIVER                                      1770

STN NO      5      LAT                 LONG               U.T.M. 18 0382400.0 4900350.0 4     REGION 04            MILEAGE    1.60


                                    934        901       444         80         81         84         88        805        3          1
SAMP DTE HOUR  STN  STN SAMP  PJ   SAMPLE        SCD  FLOW CFS    TOTAL      FECAL       M.F.     PSEUD.     WATER     DISS.     5-DAY
DY MO YR LMT   DIST BRG DEPTH        NO                         COLIFORM   COLIFORM     ENTER.       MPA     TEMP.        O2       BOD
               FEET       MTRS                                  MF/100ML   MF/100ML   MF/100ML   MF/100ML    DEG C      MG/L      MG/L

13 01 75 1400               .3      36010    6 8                   300.        20.        30.                  0.0       5.0
10 02 75 1345               .3      36027    4 6 8                 500.       100.  L    100.  L               0.0       5.0
05 05 75 1350               .3      36078    6 8                    60.        10.  L     10.  L              11.0       8.0
02 06 75 1415               .3      36095    6 8                   190.        36.        32.                 21.0      11.0
07 07 75 1330               .3      36112    6 8                    70.        16.         8.                 27.0      10.0
11 08 75 1310               .3      36128    6 8                   430.       600.  G     88.                 25.0       9.0
02 09 75 1425               .3      36145    6 8                    20.        12.         1.                 20.0      10.0
06 10 75 1330               .3      36162    6 8                  3600.       540.       100.                 14.0      11.0
10 11 75 1340               .3      36179    6 8                 38800.       790.       260.                 14.0      12.0
01 12 75 1400               .3      36196    6 8                 29000.      1000.       170.                  3.0      17.0


                       MAXIMUM                                   38800.      1000.       260.                 27.0      17.0
           AVG OR GEOM MN (*)                                     578.*       90.* E     35.* D               13.5       9.8
                       MINIMUM                                     20.        10.         1.                  0.0       5.0

                NO OF SAMPLES                                        10         10         10                   10        10
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B.O.W./ SITE: CATARAQUI RIVER                                                                     STATION ID:  12-0004-006-02
SAMPLE POINT: FOOT OF ELLIOT AVE, KINGSTON
STATION TYPE: RIVER                                        MAJOR BASIN: GREAT LAKES                             STORET CODE: 02
                                                           MINOR BASIN: ST. LAWRENCE RIVER                                   005
                                                           TERM STREAM: CATARAQUI RIVER                                      1770

STN NO      6      LAT                 LONG               U.T.M. 18 0381950.0 4901340.0 4     REGION 04            MILEAGE    2.40


                                    934        901       444         80         81         84         88        805        3          1
SAMP DTE HOUR  STN  STN SAMP  PJ   SAMPLE        SCD  FLOW CFS    TOTAL      FECAL       M.F.     PSEUD.     WATER     DISS.     5-DAY
DY MO YR LMT   DIST BRG DEPTH        NO                         COLIFORM   COLIFORM     ENTER.       MPA     TEMP.        O2       BOD
               FEET       MTRS                                  MF/100ML   MF/100ML   MF/100ML   MF/100ML    DEG C      MG/L      MG/L

13 01 75 1430               .3      36011    4 6 8                 700.        10.  L     20.                  0.0       9.0
10 02 75 1430               .3      36028    4 6 8                 100.        10.  L     10.  L               0.0       8.0
10 03 75 1430               .3      36045    4 6 8                  10.  L     40.        10.  L               0.0       9.0
07 04 75 1500               .3      36062    4 6 8                  10.  L     10.  L     10.  L               0.0      14.0
05 05 75 1410               .3      36079    6 8                    10.        10.  L     10.                 16.0       7.0
02 06 75 1440               .3      36096    6 8                    10.         1.        20.                 20.0      11.0
07 07 75 1400               .3      36113    6 8                     8.         1.         1.                 27.0       9.0
11 08 75 1330               .3      36129    6 8                    16.        12.         1.                 23.0       6.0
02 09 75 1445               .3      36146    6 8                  5200.       100.  L     44.                 20.0      10.0
06 10 75 1400               .3      36163    6 8                    40.         4.        12.                 14.0      15.0
10 11 75 1410               .3      36180    6 8                   488.       160.       184.                 14.0       8.0
01 12 75 1430               .3      36197    6 8                    20.        10.  L     10.                  3.0      17.0


                       MAXIMUM                                    5200.       160.       184.                 27.0      17.0
           AVG OR GEOM MN (*)                                      49.* D     11.* D     11.* D               11.4      10.3
                       MINIMUM                                      8.         1.         1.                  0.0       6.0

                NO OF SAMPLES                                        12         12         12                   12        12
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SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: MILLBURN CREEK
SAMPLE POINT: 1.5 MILES SOUTH OF BATTERSEA
STATION TYPE: RIVER

STATION ID: 12-0004-007-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: ST. LAWRENCE RIVER
TERM STREAM: CATARAQUI RIVER

STORET CODE: 02
005
1770

STN NO 7 LAT LONG U.T.M. 18 0390450.0 4918525.0 4 REGION 04 MILEAGE 21.90

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
14 01 75	1130			.3		36015	6 8		240.	10.	30.		0.0	11.0	1.4
11 02 75	1140			.3		36032	4 6 8		1.	1.	1.		0.0	8.0	0.8
11 03 75	1130			.3		36049	6 8		30.	20.	10. L		1.0	9.0	0.6
09 04 75	1100			.3		36066	6 8		12.	1.	1.		3.0	13.0	0.6
06 05 75	1100			.3		36083	6 8		20.	10. L	10. L		12.0	11.0	1.1
03 06 75	1010			.3		36100	6 8		160.	130.	80.		18.0	7.0	0.8
08 07 75	1230			.3		36117	6 8		230.	30.	60.		26.0	8.0	0.6
12 08 75	1100			.3		36133	6 8		1090.	330.	440.		22.0	5.0	1.4
03 09 75	1100			.3		36150	6 8		390.	340.	630.		15.0	9.0	0.6
07 10 75	1030			.3		36167	6 8		820.	600.	280.		10.0	10.0	1.2
12 11 75	1030			.3		36184	6 8		300.	80.	30.		10.0	14.0	0.6
02 12 75	1040			.3		36201	6 8						1.0	15.0	0.6
MAXIMUM									1090.	600.	630.		26.0	15.0	1.4
AVG OR GEOM MN (*)									96.*	32.* D	32.* D		9.8	10.0	0.9
MINIMUM									1.	1.	1.		0.0	5.0	0.6
NO OF SAMPLES									11	11	11		12	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
14 01 75	1130			.3		0.040	0.007	0.02	0.66	0.007	0.310	2.00	260	7.	
11 02 75	1140			.3		0.055	0.023	0.27	0.89	0.010	0.200	8.50	495	16.	
11 03 75	1130			.3		0.036	0.009	0.07	0.60	0.005	0.240	1.30	335	11.	
09 04 75	1100			.3		0.040	0.004	0.01 L	0.47	0.005	0.200	3.60	222	7.	
06 05 75	1100			.3		0.024	0.001L	0.01 L	0.39	0.002	0.010	1.50	215	5.	
03 06 75	1010			.3		0.055	0.027	0.01	0.53	0.005	0.010L	2.40	220	6.	
08 07 75	1230			.3		0.066	0.048	0.01	0.56	0.003	0.010L	1.40	205	5.	
12 08 75	1100			.3		0.230	0.065	0.01	1.10	0.025	0.080	2.20	255	7.	
03 09 75	1100			.3		0.060	0.033	0.01 L	0.58	0.003	0.010L	1.40	250	7.	
07 10 75	1030			.3		0.060	0.018	0.01	0.60	0.008	0.010	2.30	390	15.	
12 11 75	1030			.3		0.055	0.024	0.03	0.71	0.009	0.150	5.20	390	12.	
02 12 75	1040			.3		0.045	0.012	0.01	0.61	0.008	0.850	7.00	290	8.	
MAXIMUM						0.230	0.065	0.27	1.10	0.025	0.850	8.50	495	16.	
AVG OR GEOM MN (*)						0.064	0.023D	0.04 D	0.64	0.008	0.173D	3.23	294	8.	
MINIMUM						0.024	0.001	0.01	0.39	0.002	0.010	1.30	205	5.	
NO OF SAMPLES						12	12	12	12	12	12	12	12	12	

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
14 01 75	1130			.3			184.	15. L		169					
11 02 75	1140			.3			340.	15.	325						
11 03 75	1130			.3			222.	4.		218					
09 04 75	1100			.3			149.	5.		144					
06 05 75	1100			.3			143.	3.		140					
03 06 75	1010			.3			147.	4.		143					
08 07 75	1230			.3			137.	4.		133					
12 08 75	1100			.3			183.	17.		166					
03 09 75	1100			.3			167.	2.		165					
07 10 75	1030			.3			260.	6.		254					
12 11 75	1030			.3			160.	6.		254					
02 12 75	1040			.3			193.	4.		189					
MAXIMUM							340.	17.	325	254					
AVG OR GEOM MN (*)							190.	7. D	325	180					
MINIMUM							137.	2.	325	133					
NO OF SAMPLES							12	12	1	11					

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SAMPLE INFORMATION SYSTEM      STATION SUMMARY REPORT - RIVER BASINS                 DATE OF REPORT  28 OCT 77

B.O.W./ SITE: GANANOQUE RIVER                                                          STATION ID:  12-0017-001-02
SAMPLE POINT: AT RAILWAY TRESTLE, CANADIAN STEEL, GANANOQUE
STATION TYPE: RIVER                                  MAJOR BASIN: GREAT LAKES                           STORET CODE: 02
                                                     MINOR BASIN: ST. LAWRENCE RIVER                                 005
                                                     TERM STREAM: GANANOQUE RIVER                                    1280

STN NO      1       LAT                LONG              U.T.M. 18 0406850.0 4908850.0 4      REGION 04            MILEAGE     0.60

                                           934       901       444        80         81         84         88        805         3          1
SAMP DTE HOUR   STN  STN SAMP  PJ        SAMPLE       SCD  FLOW CFS     TOTAL      FECAL       M.F.     PSEUD.      WATER      DISS.      5-DAY
DY MO YR LMT    DIST BRG DEPTH               NO                      COLIFORM   COLIFORM     ENTER.        MPA      TEMP.         O2        BOD
                FEET      MTRS                                      MF/100ML   MF/100ML   MF/100ML   MF/100ML      DEG C       MG/L       MG/L

14 01 75 0845               .3            36012    6 8                 1020.       240.       920.                   0.0       10.0        1.6
11 02 75 0845               .3            36029    4 6 8                990.       500.       120.                   0.0        9.0        1.0
11 03 75 0920               .3            36046    6 8                  490.        20.       100.                   0.0       13.0        0.6
09 04 75 0830               .3            36063    6 8                  160.        10.  L     60.                   2.0       12.0        0.8
06 05 75 0900               .3            36080    6 8                   20.        10.  L     10.  L               11.0       11.0        1.3
03 06 75 0830               .3            36097    6 8                   50.        30.        10.                  20.0        6.0        0.8
08 07 75 0740               .3            36114    6 8                  440.        60.        10.  L               25.0        6.0        0.4
12 08 75 0815               .3            36130    6 8                 1500.  G   1500.  G     10.  L               23.0        7.0        0.8
03 09 75 0815               .3            36147    6 8                  930.       130.        10.  L               16.0        6.0        0.6
07 10 75 0800               .3            36164    6 8                  300.        50.        10.  L               12.0       12.0        0.6
12 11 75 0815               .3            36181    6 8                 2200.       540.       900.                  10.0       14.0        0.8
02 12 75 0815               .3            36198    6 8                 4200.       540.       480.                   2.0       18.0        0.8


                       MAXIMUM                                         4200.      1500.       920.                  25.0       18.0        1.6
              AVG OR GEOM MN (*)                                        476.* U    102.* E     51.* D               10.1       10.3        0.8
                       MINIMUM                                           20.        10.        10.                   0.0        6.0        0.4

                 NO OF SAMPLES                                             12         12         12                    12         12         12

                                          33        34        19        20         21         22         16         14         56         55
SAMP DTE HOUR   STN  STN SAMP  PJ       TOTAL  FILTERED  FILTERED     TOTAL    NITRITE    NITRATE      TURB.      COND.   CHLORIDE         PH
DY MO YR LMT    DIST BRG DEPTH              P  REACTIVE  AMMONIA   KJELDAHL      NO2-N      NO3-N  FORMAZIN        25C       MG/L     AT LAB
                FEET      MTRS           MG/L    P MG/L      MG/L      MG/L       MG/L       MG/L      UNITS      UMHOS

14 01 75 0845               .3          0.100     0.054      0.05      0.82      0.011      0.260      14.00        205         6.
11 02 75 0845               .3          0.071     0.045      0.11      0.70      0.005      0.130       5.00        262         6.
11 03 75 0920               .3          0.047     0.029      0.05      0.47      0.005      0.070       1.40        255         5.
09 04 75 0830               .3          0.050     0.015      0.02      0.44      0.003      0.080       4.00        230         5.
06 05 75 0900               .3          0.035     0.001      0.01 L    0.46      0.002      0.010       1.70        235         5.
03 06 75 0830               .3          0.092     0.054      0.06      0.65      0.005      0.010       1.50        260         5.
08 07 75 0740               .3          0.082     0.057      0.05      0.55      0.005      0.010L      1.00        225         5.
12 08 75 0815               .3          0.320     0.250      0.06      0.78      0.025      0.010L      1.50        235         7.
03 09 75 0815               .3          1.100     0.450      0.24      0.91      0.022      0.050       2.10        255         9.
07 10 75 0800               .3          0.078     0.059      0.02      0.50      0.007      0.010       1.30        240         5.
12 11 75 0815               .3          0.150     0.089      0.03      0.82      0.008      0.150      14.00        270         8.
02 12 75 0815               .3          0.090     0.049      0.02      0.60      0.009      0.350      10.00        260         7.


                       MAXIMUM          1.100     0.450      0.24      0.91      0.025      0.350      14.00        270         9.
              AVG OR GEOM MN (*)        0.185     0.096      0.06 D    0.64      0.009      0.095D      4.79        244         6.
                       MINIMUM          0.035     0.001      0.01      0.44      0.002      0.010       1.00        205         5.

                 NO OF SAMPLES             12        12        12        12         12         12         12         12         12

                                           59         5         6         7        107         67         66         45         47         41
SAMP DTE HOUR   STN  STN SAMP  PJ    SULPHATE     TOTAL     SUSP.     DISS.      DISS.    PTSSIUM     SODIUM      TOT C    ORGANIC        COD
DY MO YR LMT    DIST BRG DEPTH                   SOLIDS    SOLIDS    SOLIDS     SOLIDS          K         NA       AS C     C AS C
                FEET      MTRS           MG/L      MG/L      MG/L      MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L

14 01 75 0845               .3                     148.       15.                   133
11 02 75 0845               .3                     170.        4.       166
11 03 75 0920               .3                     169.        3.                   166
09 04 75 0830               .3                     158.        8.                   150
06 05 75 0900               .3                     155.        4.                   151
03 06 75 0830               .3                     161.        5.                   156
08 07 75 0740               .3                     148.        2.                   146
12 08 75 0815               .3                     156.        3.                   153
03 09 75 0815               .3                     178.        6.                   172
07 10 75 0800               .3                     161.        4.                   157
12 11 75 0815               .3                     187.       11.                   176
02 12 75 0815               .3                     175.        6.                   169


                       MAXIMUM                     187.       15.       166         176
              AVG OR GEOM MN (*)                   163.        5.       166         157
                       MINIMUM                     148.        2.       166         133

                 NO OF SAMPLES                       12        12         1          11
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SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT – RIVER BASINS   DATE OF REPORT 28 OCT 77

B.O.W./ SITE: GANANOQUE RIVER
SAMPLE POINT: HIGHWAY 32, 2 MILES NORTH OF HIGHWAY 401
STATION TYPE: RIVER

STATION ID: 12-0017-004-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: ST. LAWRENCE RIVER
TERM STREAM: GANANOQUE RIVER

STORET CODE: 02
005
1280

STN NO   4   LAT   LONG   U.T.M. 18 0405150.0 4912400.0 4   REGION 04   MILEAGE 3.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	905 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L
14 01 75 0905			.3		36013	6 8		980.	190.	1010.		0.0	10.0	0.8
11 02 75 0910			.3		36030	4 6 8						0.0	10.0	0.8
11 03 75 0940			.3		36047	6 8		10. L	10. L	10. L		0.0	12.0	0.4
09 04 75 0900			.3		36064	6 8		10. L	10. L	10. L		2.0	13.0	0.4
06 05 75 0930			.3		36081	6 8		10.	10. L	10. L		10.0	10.0	1.5
03 06 75 0845			.3		36098	6 8		10.	10. L	10. L		19.0	7.0	1.0
08 07 75 0800			.3		36115	6 8		30.	1.	1.		24.0	6.0	0.6
12 08 75 0840			.3		36131	- 6 8		30.	10. L	10. L		23.0	5.0	0.8
03 09 75 0845			.3		36148	6 8		60.	1.	1.		17.0	6.0	0.4
07 10 75 0830			.3		36165	6 8		60.	44.	4.		12.0	14.0	0.8
12 11 75 0845			.3		36182	6 8		140.	52.	56.		10.0	15.0	0.8
02 12 75 0835			.3		36199	6 8		420.	116.	64.		2.0	9.0	1.0
MAXIMUM								980.	190.	1010.		24.0	15.0	1.5
AVG OR GEOM MN (*)								46.* D	14.* D	13.* D		9.9	9.8	0.8
MINIMUM								10.	1.	1.		0.0	5.0	0.4
NO OF SAMPLES								11	11	11		12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
14 01 75 0905			.3		0.120	0.054	0.05	1.70	0.011	0.220	25.00	185	4.	
11 02 75 0910			.3		0.024	0.012	0.01	0.99	0.004	0.100	5.50	265	5.	
11 03 75 0940			.3		0.023	0.008	0.01	0.40	0.004	0.100	1.60	250	5.	
09 04 75 0900			.3		0.026	0.002	0.01 L	0.40	0.002	0.070	1.90	230	5.	
06 05 75 0930			.3		0.030	0.001L	0.01 L	0.46	0.002	0.010	1.40	230	4.	
03 06 75 0845			.3		0.072	0.036	0.04	0.65	0.003	0.010L	1.20	230	5.	
08 07 75 0800			.3		0.037	0.015	0.03	0.49	0.003	0.010L	0.95	220	4.	
12 08 75 0840			.3		0.038	0.014	0.03	0.56	0.006	0.010L	1.00	215	5.	
03 09 75 0845			.3		0.038	0.014	0.02	0.62	0.004	0.010L	0.90	220	5.	
07 10 75 0830			.3		0.025	0.010	0.01	0.47	0.005	0.010L	0.80	235	5.	
12 11 75 0845			.3		0.038	0.008	0.02	0.59	0.005	0.030	7.70	230	5.	
02 12 75 0835			.3		0.027	0.004	0.01	0.50	0.006	0.080	4.40	240	5.	
MAXIMUM					0.120	0.054	0.05	1.70	0.011	0.220	25.00	265	5.	
AVG OR GEOM MN (*)					0.042	0.015D	0.02 D	0.65	0.005	0.055D	4.36	229	4.	
MINIMUM					0.023	0.001	0.01	0.40	0.002	0.010	0.80	185	4.	
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
14 01 75 0905			.3			140.	20.		120					
11 02 75 0910			.3			180.	4.	176						
11 03 75 0940			.3			168.	2.		163					
09 04 75 0900			.3			153.	3.		150					
06 05 75 0930			.3			154.	3.		152					
03 06 75 0845			.3			154.	4.		150					
08 07 75 0800			.3			143.	1. L		143					
12 08 75 0840			.3			142.	2.		140					
03 09 75 0845			.3			147.	2.		145					
07 10 75 0830			.3			155.	2.		153					
12 11 75 0845			.3			157.	7.		150					
02 12 75 0835			.3			161.	5.		156					
MAXIMUM						180.	20.	176	163					
AVG OR GEOM MN (*)						154.	4. D	176	147					
MINIMUM						140.	1.	176	120					
NO OF SAMPLES						12	12	1	11					

SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

B.O.W./ SITE: LARUE MILLS CREEK   STATION ID: 12-0027-001-02
SAMPLE POINT: THOUSAND ISLAND PARKWAY, LARUE MILLS
STATION TYPE: RIVER   MAJOR BASIN: GREAT LAKES   STORET CODE: 02
MINOR BASIN: ST. LAWRENCE RIVER   005
TERM STREAM: LARUE MILLS CREEK   0970

STN NO 1   LAT   LONG   U.T.M. 18 0429600.0 4920225.0 4   REGION 04   MILEAGE 0.10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
20 01 75 1010			.3		24000	4 6		850.	40.	60.		0.0	6.6	0.6
24 02 75 1030			.3		24012	3		1180.	490.	1280.		1.2	10.0	2.1
24 03 75 1130			.3		24034	3		100. L	20.	20.		2.0	10.0	1.0
20 05 75 0920			.3		24787	5 9		100. L	10.	10. L		21.5	2.5	2.2
10 06 75 0930			.3		24935	5		200.	30.	10.				0.8
28 07 75 0920			.3		24822	5 8		140.	40.	10. L				1.8
25 08 75 0835			.3		24870	5 8		1000.	10. L	10. L		19.0	4.0	
22 09 75 0905			.3		24517	5 9		500.	160.	40.				1.4
MAXIMUM								1180.	490.	1280.		21.5	10.0	2.2
AVG OR GEOM MN (*)								330.* D	41.* D	30.* D		8.7	6.6	1.4
MINIMUM								100.	10.	10.		0.0	2.5	0.6
NO OF SAMPLES								8	8	8		5	5	7

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
20 01 75 1010			.3		0.140	0.029	0.01	0.96	0.006	0.140	4.20	270	17.	
24 02 75 1030			.3		0.110	0.046	0.19	0.83	0.018	0.590	9.10	420	55.	
24 03 75 1130			.3		0.046	0.015	0.02	0.40	0.007	0.130	7.40	140	8.	
20 05 75 0920			.3		0.170	0.081	0.09	1.00	0.017	0.030	4.20	345	15.	
10 06 75 0930			.3		0.080	0.041	0.02	0.80	0.004	0.010	3.10	385	22.	
28 07 75 0920			.3		0.310	0.220	0.08	0.50	0.005	0.010	1.60	382	27.	
25 08 75 0835			.3											
22 09 75 0905			.3		0.150	0.052	0.12	0.78	0.012	0.100	2.70	490	39.	
MAXIMUM					0.310	0.220	0.19	1.00	0.018	0.590	9.10	490	55.	
AVG OR GEOM MN (*)					0.144	0.069	0.08	0.75	0.010	0.144	4.61	347	26.	
MINIMUM					0.046	0.015	0.01	0.40	0.004	0.010	1.60	140	8.	
NO OF SAMPLES					7	7	7	7	7	7	7	7	7	

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
20 01 75 1010			.3			190.	15. L		175					
24 02 75 1030			.3			280.	14.	266						
10 06 75 0930			.3			258.	8.		250					
28 07 75 0920			.3			254.	6.		248					
22 09 75 0905			.3			329.	6.	323						
MAXIMUM						329.	15.	323	250					
AVG OR GEOM MN (*)						262.	9. D	295	224					
MINIMUM						190.	6.	266	175					
NO OF SAMPLES						5	5	2	3					

SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: BUTLERS CREEK
SAMPLE POINT: HIGHWAY 2, BROCKVILLE
STATION TYPE: RIVER

STATION ID: 12-0034-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: ST. LAWRENCE RIVER
TERM STREAM: BUTLERS CREEK

STORET CODE: 02
005
0840

STN NO 1 LAT LONG U.T.M. 18 0445100.0 4936980.0 4 REGION 04 MILEAGE 0.30

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
20 01 75 1105			.3		24001	9 0		23200.	1240.	450.		0.8	10.2	5.5
24 02 75 1110			.3		24013			213.	5700.	1500. G		2.1	10.0	5.4
24 03 75 1200			.3		24035	3		13000.	3200.	20.		1.5	10.4	1.0
20 05 75 1020			.3		24788	9		26000.	700.	100. L		14.5	3.0	1.6
10 06 75 1000			.3		24936	5		2800.	760.	10.				1.2
28 07 75 0955			.3		24823	5		1000. L	100. L	100. L				2.6
25 08 75 0920			.3		24871	5		14000.	600.	40.		23.0	4.7	
22 09 75 0935			.3		24518	6		14700E+1	17000.	1200.				2.8
MAXIMUM								14700E+1	17000.	1500.		23.0	10.4	5.5
AVG OR GEOM MN (*)								7463.* D	1368.* D	126.* E		8.4	7.7	2.9
MINIMUM								213.	100.	10.		0.8	3.0	1.0
NO OF SAMPLES								8	8	8		5	5	7

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
20 01 75 1105			.3		0.160	0.048	0.01 L	1.10	0.019	0.340	4.00	500	48.	
24 02 75 1110			.3		0.200	0.061	0.45	1.60	0.033	0.870	21.00	620	99.	
24 03 75 1200			.3		0.084	0.012	0.19	0.82	0.009	0.390	5.90	310	22.	
20 05 75 1020			.3		0.300	0.160	1.00	1.90	0.034	0.190	2.50	540	65.	
10 06 75 1000			.3		0.230	0.140	0.48	1.50	0.035	0.320	4.10	560	65.	
28 07 75 0955			.3		0.250	0.100	0.80	2.00	0.120	0.590	2.50	640	80.	
25 08 75 0920			.3											
22 09 75 0935			.3		0.170	0.027	0.32	1.60	0.022	0.090	3.80	375	24.	
MAXIMUM					0.300	0.160	1.00	2.00	0.120	0.870	21.00	640	99.	
AVG OR GEOM MN (*)					0.199	0.078	0.46 D	1.50	0.039	0.399	6.26	506	57.	
MINIMUM					0.084	0.012	0.01	0.82	0.009	0.090	2.50	310	22.	
NO OF SAMPLES					7	7	7	7	7	7	7	7	7	

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
20 01 75 1105			.3			360.	15. L	345						
24 02 75 1110			.3			410.	54.	356						
10 06 75 1000			.3			370.	3.	367						
28 07 75 0955			.3			418.	8.	410						
22 09 75 0935			.3			249.	5.		244					
MAXIMUM						418.	54.	410	244					
AVG OR GEOM MN (*)						361.	17. D	370	244					
MINIMUM						249.	3.	345	244					
NO OF SAMPLES						5	5	4	1					

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SAMPLE INFORMATION SYSTEM       STATION SUMMARY REPORT - RIVER BASINS                       DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: NASH CREEK                                                                       STATION ID:  12-0053-001-02
 SAMPLE POINT: HIGHWAY 2, EAST OF MORRISBURG
 STATION TYPE: RIVER                                          MAJOR BASIN: GREAT LAKES                            STORET CODE: 02
                                                              MINOR BASIN: ST. LAWRENCE RIVER                                  005
                                                              TERM STREAM: NASH CREEK                                          0480

STN NO      1      LAT                 LONG                U.T.M. 18 0486600.0 4972400.0 4     REGION 04               MILEAGE    0.60


                                     934       901       444        80        81        84        88        805        3          1
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE       SCD  FLOW CFS     TOTAL     FECAL      M.F.    PSEUD.     WATER      DISS.     5-DAY
DY MO YR LMT   DIST BRG DEPTH           NO                      COLIFORM  COLIFORM    ENTER.       MPA     TEMP.         O2       BOD
               FEET      MTRS                                   MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C       MG/L      MG/L

20 01 75 1210              .3       24002    4                   110.      10.       20.                   0.8        4.1       1.0
24 02 75 1215              .3       24014                        160.      10.  L    10.  L                0.9        6.1       1.6
24 03 75 1255              .3       24036                         30.      10.  L    10.  L                0.5        7.2       2.0
20 05 75 1110              .3       24789    5 7                  20.      10.  L    10.  L                                     1.0
10 06 75 1050              .3       24937    7 5                  10.      40.       50.                                        0.4
28 07 75 1045              .3       24824    7 5 9               100.  L   20.       10.                                        1.4


                      MAXIMUM                                    160.      40.       50.                   0.9        7.2       2.0
           AVG OR GEOM MN (*)                                     47.* D   14.* D    15.* D                0.7        5.8       1.2
                      MINIMUM                                     10.      10.       10.                   0.5        4.1       0.4

                NO OF SAMPLES                                      6         6         6                    3          3         6

                                       33        34        19        20        21        22        16        14        56         55
SAMP DTE HOUR  STN  STN SAMP  PJ     TOTAL  FILTERED  FILTERED     TOTAL   NITRITE   NITRATE     TURB.     COND.  CHLORIDE         PH
DY MO YR LMT   DIST BRG DEPTH            P  REACTIVE   AMMONIA  KJELDAHL     NO2-N     NO3-N  FORMAZIN       25C      MG/L     AT LAB
               FEET      MTRS         MG/L    P MG/L      MG/L      MG/L      MG/L      MG/L     UNITS     UMHOS

20 01 75 1210              .3       0.095     0.048     0.07      0.85      0.010     0.040      2.00      390      12.
24 02 75 1215              .3       0.150     0.066     0.70      1.60      0.032     0.230      2.70      590      62.
24 03 75 1255              .3       0.043     0.017     0.15      0.71      0.009     0.100      1.20      320      15.
20 05 75 1110              .3       0.076     0.043     0.02      1.00      0.005     0.010      2.60      260       5.
10 06 75 1050              .3       0.036     0.018     0.01 L    0.98      0.006     0.010L     2.10      325       7.
28 07 75 1045              .3       0.036     0.014     0.01 L    0.92      0.004     0.010      1.30      330      20.


                      MAXIMUM       0.150     0.066     0.70      1.60      0.032     0.230      2.70      590      62.
           AVG OR GEOM MN (*)       0.073     0.034     0.16 D    1.01      0.011     0.067D     1.98      369      20.
                      MINIMUM       0.036     0.014     0.01      0.71      0.004     0.010      1.20      260       5.

                NO OF SAMPLES           6         6         6         6         6         6         6         6         6

                                       59         5         6         7       107        67        66        45        47         41
SAMP DTE HOUR  STN  STN SAMP  PJ  SULPHATE     TOTAL     SUSP.     DISS.     DISS.   PTSSIUM    SODIUM     TOT C   ORGANIC        COD
DY MO YR LMT   DIST BRG DEPTH                 SOLIDS    SOLIDS    SOLIDS    SOLIDS         K        NA      AS C    C AS C
               FEET      MTRS         MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L       MG/L

20 01 75 1210              .3                 265.       15. L               250
24 02 75 1215              .3                 370.        5.       365
10 06 75 1050              .3                 212.        2.                 210
28 07 75 1045              .3                 217.        2.                 215


                      MAXIMUM                 370.       15.       365       250
           AVG OR GEOM MN (*)                 266.        6. D     365       225
                      MINIMUM                 212.        2.       365       210

                NO OF SAMPLES                     4         4         1         3
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SAMPLE INFORMATION SYSTEM       STATION SUMMARY REPORT - RIVER BASINS                        DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: RAISIN RIVER                                                                     STATION ID:  12-0073-001-02
 SAMPLE POINT: HIGHWAY 401, LANCASTER
 STATION TYPE: RIVER                                    MAJOR BASIN: GREAT LAKES                               STORET CODE: 02
                                                        MINOR BASIN: ST. LAWRENCE RIVER                                     005
                                                        TERM STREAM: RAISIN RIVER                                           0250

STN NO     1      LAT               LONG                 U.T.M. 18 0538860.0 4997550.0 4     REGION 04             MILEAGE    1.20


                                     934         901      444         80        81        84        88      805          3         1
SAMP DTE HOUR  STN STN SAMP   PJ    SAMPLE       SCD  FLOW CFS     TOTAL     FECAL      M.F.    PSEUD.     WATER     DISS.     5-DAY
DY MO YR LMT   DIST BRG DEPTH           NO                      COLIFORM  COLIFORM    ENTER.       MPA      TEMP.       O2       BOD
               FEET      MTRS                                   MF/100ML  MF/100ML  MF/100ML  MF/100ML      DEG C      MG/L      MG/L

24 03 75 1500              .3       24039     6                 2500.        220.    240.                 0.1       6.8       1.2
20 05 75 1325              .3       24792     6 3                100.  L    10.  L    10.  L                                  1.0
10 06 75 1400              .3       24940     5                  370.       40.       10.                                     0.8
28 07 75 1305              .3       24827     5                  100.  L    10.  L    10.  L                                  1.4
25 08 75 1215              .3       24874     5 8                 10.  L    10.  L    10.  L              21.3       9.2
22 09 75 1240              .3       24521     5                   10.       10.  L    10.  L                                  1.6


                      MAXIMUM                                   2500.        220.    240.                21.3       9.2       1.6
           AVG OR GEOM MN (*)                                     99.* D    21.* D    17.* D              10.7       8.0       1.2
                      MINIMUM                                     10.       10.       10.                 0.1       6.8       0.8

                NO OF SAMPLES                                          6         6         6                 2          2          5

                                       33        34        19        20        21        22        16        14        56        55
SAMP DTE HOUR  STN STN SAMP   PJ      TOTAL  FILTERED  FILTERED     TOTAL   NITRITE  NITRATE    TURB.       COND.  CHLORIDE        PH
DY MO YR LMT   DIST BRG DEPTH             P  REACTIVE   AMMONIA  KJELDAHL     NO2-N    NO3-N  FORMAZIN        25C      MG/L    AT LAB
               FEET      MTRS          MG/L    P MG/L      MG/L      MG/L      MG/L     MG/L     UNITS     UMHOS

24 03 75 1500              .3        0.070     0.030     0.06      0.65     0.013     0.720      6.40       287       9.
20 05 75 1325              .3        0.068     0.013     0.06      0.76     0.003     0.010     12.00       395       10.
10 06 75 1400              .3        0.064     0.027     0.02      0.94     0.019     0.890      4.60       425       14.
28 07 75 1305              .3        0.049     0.023     0.03      0.50     0.002     0.000L     3.90       362       25.
25 08 75 1215              .3
22 09 75 1240              .3        0.048     0.016     0.03      0.44     0.002     0.010L     2.60       365       27.


                      MAXIMUM        0.070     0.030     0.06      0.94     0.019     0.890     12.00       425       27.
           AVG OR GEOM MN (*)        0.060     0.022     0.04      0.66     0.008     0.326D     5.90       367       17.
                      MINIMUM        0.048     0.013     0.02      0.44     0.002     0.000      2.60       287       9.

                NO OF SAMPLES            5         5         5         5         5         5         5         5         5

                                      59           5         6         7        107       67        66        45        47        41
SAMP DTE HOUR  STN STN SAMP   PJ  SULPHATE      TOTAL    SUSP.     DISS.     DISS.   PTSSIUM   SODIUM      TOT C   ORGANIC        COD
DY MO YR LMT   DIST BRG DEPTH                  SOLIDS    SOLIDS    SOLIDS    SOLIDS          K       NA       AS C    C AS C
               FEET      MTRS         MG/L      MG/L      MG/L      MG/L      MG/L      MG/L     MG/L       MG/L      MG/L       MG/L

10 06 75 1400              .3                  300.      48.         252
28 07 75 1305              .3                  240.       5.                   235
22 09 75 1240              .3                  247.      10.                   237


                      MAXIMUM                  300.      48.         252       237
           AVG OR GEOM MN (*)                  262.      21.         252       236
                      MINIMUM                  240.       5.         252       235

                NO OF SAMPLES                      3         3         1         2
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SAMPLE INFORMATION SYSTEM       STATION SUMMARY REPORT - RIVER BASINS                        DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: SUTHERLAND CREEK                                                                 STATION ID:  12-0077-001-02
 SAMPLE POINT: HIGHWAY 2
 STATION TYPE: RIVER                                    MAJOR BASIN: GREAT LAKES                               STORET CODE: 02
                                                        MINOR BASIN: ST. LAWRENCE RIVER                                     005
                                                        TERM STREAM: SUTHERLAND CREEK                                       0190

STN NO     1      LAT               LONG                 U.T.M. 18 0548450.0 5003900.0 4     REGION 04             MILEAGE    0.80

                                      934       901       444       80        81        84        88        805         3          1
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE      SCD   FLOW CFS     TOTAL     FECAL      M.F.    PSEUD.     WATER      DISS.    5-DAY
DY MO YR LMT   DIST BRG DEPTH           NO                      COLIFORM  COLIFORM    ENTER.       MPA     TEMP.         O2      BOD
               FEET      MTRS                                   MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C       MG/L     MG/L

24 02 75 1435              .3       24017   6                  1410.      340.      270.                 1.1       8.1        2.5
10 06 75 1415              .3       24941   5                   450.      250.       30.                                      1.0
28 07 75 1325              .3       24828   5 7                  20.       10. L      10. L                                    1.6
25 08 75 1250              .3       24875   5                    10. L     10. L      10. L              22.0       9.4
22 09 75 1310              .3       24522   5                   100.       10. L      10. L                                    1.0


                      MAXIMUM                                  1410.      340.      270.                 22.0      9.4        2.5
           AVG OR GEOM MN (*)                                   105.* D    39.* D    24.* D              11.6      8.8        1.5
                      MINIMUM                                    10.       10.       10.                 1.1       8.1        1.0

                NO OF SAMPLES                                         5         5         5                   2         2         4

                                      33        34        19        20        21        22        16        14        56        55
SAMP DTE HOUR  STN  STN SAMP  PJ     TOTAL  FILTERED  FILTERED     TOTAL   NITRITE   NITRATE    TURB.      COND.  CHLORIDE        PH
DY MO YR LMT   DIST BRG DEPTH            P  REACTIVE   AMMONIA  KJELDAHL     NO2-N     NO3-N  FORMAZIN       25C      MG/L    AT LAB
               FEET      MTRS         MG/L    P MG/L      MG/L      MG/L      MG/L      MG/L    UNITS      UMHOS

24 02 75 1435              .3       0.085     0.023     0.50      1.20      0.020     0.200      2.50       510      21.
10 06 75 1415              .3       0.100     0.031     0.05      0.80      0.130     6.200     28.00       540      16.
28 07 75 1325              .3       0.050     0.033     0.02      0.50      0.002     0.010L     2.80       409      14.
25 08 75 1250              .3
22 09 75 1310              .3       0.030     0.015     0.03      0.49      0.003     0.010L     2.00       500      33.


                      MAXIMUM       0.100     0.033     0.50      1.20      0.130     6.200     28.00       540      33.
           AVG OR GEOM MN (*)       0.066     0.026     0.15      0.75      0.039     1.605D     8.83       490      21.
                      MINIMUM       0.030     0.015     0.02      0.49      0.002     0.010      2.00       409      14.

                NO OF SAMPLES           4         4         4         4         4         4         4         4         4
                                      59          5         6         7     107         67        66        45        47        41
SAMP DTE HOUR  STN  STN SAMP  PJ  SULPHATE     TOTAL     SUSP.     DISS.     DISS.   PTSSIUM    SODIUM     TOT C   ORGANIC       COD
DY MO YR LMT   DIST BRG DEPTH                 SOLIDS    SOLIDS    SOLIDS    SOLIDS         K        NA      AS C    C AS C
               FEET      MTRS         MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

24 02 75 1435              .3                 240.       22.       218
10 06 75 1415              .3                 410.       20.       390
28 07 75 1325              .3                 266.        5.       261
22 09 75 1310              .3                 298.        3.       295


                      MAXIMUM                 410.       22.       390
           AVG OR GEOM MN (*)                 303.       12.       291
                      MINIMUM                 240.        3.       218

                NO OF SAMPLES                     4         4         4
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SAMPLE INFORMATION SYSTEM        STATION SUMMARY REPORT - RIVER BASINS                         DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: WOOD CREEK                                                                         STATION ID:  12-0079-001-02
 SAMPLE POINT: HIGHWAY 2
 STATION TYPE: RIVER                                     MAJOR BASIN: GREAT LAKES                                STORET CODE: 02
                                                         MINOR BASIN: ST. LAWRENCE RIVER                                      004
                                                         TERM STREAM: WOOD CREEK                                              0170

STN NO      1     LAT                LONG                 U.T.M. 18 0549850.0 5004550.0 4      REGION 04              MILEAGE    0.40

                                      934       901       444         80        81        84        88       805          3         1
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE       SCD  FLOW CFS      TOTAL     FECAL      M.F.    PSEUD.    WATER      DISS.     5-DAY
DY MO YR LMT   DIST BRG DEPTH            NO                      COLIFORM  COLIFORM      ENTER.       MPA    TEMP.         O2       BOD
               FEET      MTRS                                    MF/100ML  MF/100ML  MF/100ML  MF/100ML    DEG C      MG/L       MG/L

24 02 75 1450               .3       24018   4                    710.      750.      260.                   1.2       10.4        4.7
24 03 75 1530               .3       24041   4                    160.       60.       80.                   0.2        6.9        2.8
20 05 75 1400               .3       24794   3                     10.  L    60.       10.  L                                      2.2
10 06 75 1425               .3       24942   5 7                  300.      130.       60.                                         0.2
28 07 75 1335               .3       24829   5 7                  140.       10.  L    10.                                         1.6
25 08 75 1255               .3       24876   5 7                  130.       40.       20.                  20.0        7.8
22 09 75 1320               .3       24523   5                    600.       90.       10.  L                                      1.4


                       MAXIMUM                                    710.      750.      260.                  20.0       10.4        4.7
            AVG OR GEOM MN (*)                                    168.* D    74.* D    31.* D                7.1        8.4        2.2
                       MINIMUM                                     10.       10.       10.                   0.2        6.9        0.2

                 NO OF SAMPLES                                          7         7         7                    3         3         6

                                        33        34        19        20        21         22        16         14        56          55
SAMP DTE HOUR  STN  STN SAMP  PJ      TOTAL   FILTERED  FILTERED     TOTAL   NITRITE   NITRATE     TURB.      COND.  CHLORIDE          PH
DY MO YR LMT   DIST BRG DEPTH             P  REACTIVE    AMMONIA  KJELDAHL     NO2-N     NO3-N  FORMAZIN       25C      MG/L     AT LAB
               FEET      MTRS          MG/L    P MG/L       MG/L      MG/L      MG/L      MG/L     UNITS     UMHOS

24 02 75 1450               .3       0.190     0.080     0.75      1.70      0.046     1.900       6.80       540      61.
24 03 75 1530               .3       0.150     0.086     0.14      0.76      0.021     0.600       6.50       138      10.
20 05 75 1400               .3       0.370     0.230     0.30      1.40      0.004     0.010      18.00       620      49.
10 06 75 1425               .3       0.050     0.021     0.01      0.49      0.080     3.800      14.00       540      33.
28 07 75 1335               .3       0.290     0.160     0.01 L    0.76      0.004     0.010L      1.10       665      80.
25 08 75 1255               .3
22 09 75 1320               .3       0.440     0.420     0.04      1.00      0.004     0.010L      1.00      1550     340.


                       MAXIMUM       0.440     0.420     0.75      1.70      0.080     3.800      18.00      1550     340.
            AVG OR GEOM MN (*)       0.248     0.166     0.21 D    1.02      0.027     1.055D      7.90       676      95.
                       MINIMUM       0.050     0.021     0.01      0.49      0.004     0.010       1.00       138      10.

                 NO OF SAMPLES            6         6         6         6          6         6         6         6         6

                                        59         5         6          7     107          67        66         45        47          41
SAMP DTE HOUR  STN  STN SAMP  PJ    SULPHATE     TOTAL     SUSP.     DISS.     DISS.   PTSSIUM    SODIUM    TOT C    ORGANIC         COD
DY MO YR LMT   DIST BRG DEPTH                   SOLIDS    SOLIDS    SOLIDS    SOLIDS         K        NA      AS C    C AS C
               FEET      MTRS           MG/L      MG/L      MG/L      MG/L      MG/L       MG/L      MG/L      MG/L      MG/L       MG/L

24 02 75 1450               .3                 340.       12.        328
10 06 75 1425               .3                 370.        7.        363
28 07 75 1335               .3                 564.        3.        561
22 09 75 1320               .3                 990.        6.        984


                       MAXIMUM                 990.       12.        984
            AVG OR GEOM MN (*)                 566.        7.        559
                       MINIMUM                 340.        3.        328

                 NO OF SAMPLES                     4         4         4
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SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: BIG CARP RIVER
SAMPLE POINT: AT HERKIMER STREET SAULT STE MARIE
STATION TYPE: RIVER

STATION ID: 13-0003-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: BIG CARP RIVER

STORET CODE: 02
002
8640

STN NO 1 LAT LONG U.T.M. 16 0695650.0 5153350.0 4 REGION 05 MILEAGE 0.70

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
18 01 75 1710			.3		31010			500.	50.	5.		0.0	10.0	1.0
03 03 75 1805			.3		31046			400.	34.	102.		0.0	11.0	1.6
05 04 75 1730			.3		31064			400.	10.	122.		0.0	12.0	1.4
26 04 75 1430			.3		31082			100.	0.	0.		5.0	12.0	0.8
26 05 75 1200			.3		31100			800.	218.	110.		18.0	9.0	1.0
14 06 75 1700			.3		31118			600.	200.	322.		20.0	9.0	0.8
29 07 75 1500			.3		31136			600.	20.			21.0	8.0	0.2
06 09 75 1735			.3		31154			5400.	1300.	500.		15.0	8.0	1.2
26 09 75 1515			.3		31172			200.	22.	15.		10.0	10.0	0.4
01 11 75 1515			.3		31190							5.0	12.0	1.0
06 12 75 1515			.3		31208			2900.	600.	662.		0.0	13.0	0.6
MAXIMUM								5400.	1300.	662.		21.0	13.0	1.6
AVG OR GEOM MN (*)								611.*	55.*	61.*		8.5	10.4	0.9
MINIMUM								100.	0.	0.		0.0	8.0	0.2
NO OF SAMPLES								10	10	9		11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
18 01 75 1710			.3		0.064	0.040	0.04	0.34	0.004	0.150	3.00	74	3.	6.4
03 03 75 1805			.3		0.044	0.010	0.01	0.39	0.006	0.300	2.60	124	13.	7.3
05 04 75 1730			.3		0.026	0.001	0.12	1.10	0.005	0.280	4.70	124	13.	7.2
26 04 75 1430			.3		0.036	0.002	0.03	0.34	0.003	0.390	10.00	49	2.	6.4
26 05 75 1200			.3		0.023	0.004	0.05	0.43	0.006	0.030	2.30	78	4.	6.7
14 06 75 1700			.3		0.018	0.003	0.03	0.36	0.013	0.070	3.20	78	5.	7.3
29 07 75 1500			.3		0.026	0.006	0.01 L	0.44	0.028	0.180	4.40	104	6.	7.2
06 09 75 1735			.3		0.070	0.005	0.02	0.75	0.007	0.040	14.00	85	3.	7.4
26 09 75 1515			.3		0.018	0.003	0.01 L	0.34	0.004	0.030	2.50	105	5.	7.3
01 11 75 1515			.3		0.019	0.008	0.01	0.38	0.006	0.110	3.10	70	2.	7.0
06 12 75 1515			.3		0.020	0.003	0.04	0.44	0.005	0.400	5.00	100	7.	7.0
MAXIMUM					0.070	0.040	0.12	1.10	0.028	0.400	14.00	124	13.	7.4
AVG OR GEOM MN (*)					0.033	0.008	0.03 D	0.48	0.008	0.180	4.98	90	5.	7.0
MINIMUM					0.018	0.001	0.01	0.34	0.003	0.030	2.30	49	2.	6.4
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
18 01 75 1710			.3		31010		18					1. L		2.34
03 03 75 1805			.3		31046		30			0.80		2.	0.1L	3.90
05 04 75 1730			.3		31064		30					5.		4.50
26 04 75 1430			.3		31082		8					1. L		2.10
26 05 75 1200			.3		31100		24					1. L		2.50
14 06 75 1700			.3		31118		23					2.		2.30
29 07 75 1500			.3		31136		37					1.		3.70
06 09 75 1735			.3		31154		32					1.		4.00
26 09 75 1515			.3		31172		25					1. L		3.80
01 11 75 1515			.3		31190		18					2.		2.10
06 12 75 1515			.3		31208		18					1. L		3.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
18 01 75 1710			.3			65.	15. L		50					
03 03 75 1805			.3		11.	106.	6.		100	1.3	7.80	15	9	20
05 04 75 1730			.3			93.	12.		81					
26 04 75 1430			.3			61.	29.		32					
26 05 75 1200			.3			58.	6.		52					
14 06 75 1700			.3			57.	5.		52					
29 07 75 1500			.3			72.	4.		68					
06 09 75 1735			.3			75.	10.		65					
26 09 75 1515			.3			72.	4.		68					
01 11 75 1515			.3			49.	3.		46					
06 12 75 1515			.3			70.	5.		65					
MAXIMUM					11.	106.	29.		100	1.3	7.80	15	9	20
AVG OR GEOM MN (*)					11.	70.	9. D		62	1.3	7.80	15	9	20
MINIMUM					11.	49.	3.		32	1.3	7.80	15	9	20
NO OF SAMPLES					1	11	11		11	1	1	1	1	1

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B.O.W./ SITE: BIG CARP RIVER                                                                    STATION ID:  13-0003-001-02
SAMPLE POINT: AT HERKIMER STREET SAULT STE MARIE
STATION TYPE: RIVER                                  MAJOR BASIN: GREAT LAKES                              STORET CODE: 02
                                                     MINOR BASIN: LAKE HURON                                            002
                                                     TERM STREAM: BIG CARP RIVER                                        8640

STN NO       1       LAT                   LONG      U.T.M. 16 0695650.0 5153350.0 4     REGION 05          MILEAGE    0.70

                                       934       203       265        64        72       221       225       272       215       229
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE     TOTAL     TOTAL               TOTAL     TOTAL     TOTAL    SIMPLE     TOTAL     TOTAL
DY MO YR LMT   DIST BRG DEPTH           NO  ALUMINUM   ARSENIC   CALCIUM   CALCIUM  CHROMIUM    COPPER   CYANIDE   CADMIUM      LEAD
               FEET      MTRS                   MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

18 01 75 1710              .3        31010                             8.0
03 03 75 1805              .3        31046      0.66      0.01      12.0              0.040L    0.05 L     0.01L    0.020L    0.03 L
05 04 75 1730              .3        31064                          13.0
26 04 75 1430              .3        31082                           6.0
26 05 75 1200              .3        31100                          10.0
14 06 75 1700              .3        31118                          10.0
29 07 75 1500              .3        31136                                    11.0
06 09 75 1735              .3        31154                                    11.0
26 09 75 1515              .3        31172                                    11.0
01 11 75 1515              .3        31190                                     6.0
06 12 75 1515              .3        31208                                    10.0


                      MAXIMUM                   0.66      0.01      13.0      11.0     0.040      0.05      0.01     0.020      0.03
           AVG OR GEOM MN (*)                   0.66      0.01       9.8       9.8    0.040D    0.05 D     0.01D    0.020D    0.03 D
                      MINIMUM                   0.66      0.01       6.0       6.0     0.040      0.05      0.01     0.020      0.03

                NO OF SAMPLES                      1         1         6         5         1         1         1         1         1

                                        65        74       200       235       238       249       217       218       219       361
SAMP DTE HOUR  STN  STN SAMP  PJ       MAG  TOT. MAG  MANGNESE     TOTAL     TOTAL     TOTAL     TOTAL    BARIUM  SELENIUM   SOLVENT
DY MO YR LMT   DIST BRG DEPTH       NESIUM    NESIUM        MN   MERCURY    NICKEL      ZINC    COBALT      MG/L      MG/L  EXTRBLES
               FEET      MTRS         MG/L      MG/L      MG/L      UG/L      MG/L      MG/L      MG/L                          MG/L

18 01 75 1710              .3                             0.03
03 03 75 1805              .3          3.0                0.06    0.010L    0.02 L    0.050L
05 04 75 1730              .3                             0.07
26 04 75 1430              .3                             0.04
26 05 75 1200              .3                             0.03
14 06 75 1700              .3                             0.04
29 07 75 1500              .3                             0.04
06 09 75 1735              .3                             0.07
26 09 75 1515              .3                             0.05
01 11 75 1515              .3                             0.03
06 12 75 1515              .3                             0.04


                      MAXIMUM          3.0                0.07     0.010      0.02     0.050
           AVG OR GEOM MN (*)          3.0                0.05    0.010D    0.02 D    0.050D
                      MINIMUM          3.0                0.03     0.010      0.02     0.050

                NO OF SAMPLES            1                  11         1         1         1
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SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: EAST DAVIGNON CREEK
SAMPLE POINT: NEAR MOUTH, WEST OF ALGOMA SAULT
STATION TYPE: RIVER

STATION ID: 13-0008-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: EAST DAVIGNON CREEK

STORET CODE: 02
002
8600

STN NO 1 LAT LONG U.T.M. 16 0700925.0 5155300.0 4 REGION 05 MILEAGE 0.30

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L
18 01 75 1615			.3		31008			300.	24.	305.		8.0	9.0	42.0
08 02 75 1715			.3		31026			500.	20.	0.		10.0	9.0	1.4
03 03 75 1730			.3		31044			1400.	90.	174.		10.0	9.0	1.4
05 04 75 1630			.3		31062			200.	6.	2.		12.0	10.0	1.0
26 04 75 1350			.3		31080			150.	6.	40.		10.0	11.0	1.1
26 05 75 1100			.3		31098			3400.	4.	26.		21.0	7.0	5.0
14 06 75 1615			.3		31116			600.	300.	98.		24.0	8.0	2.2
29 07 75 1400			.3		31134			8000. G	14.			26.0	7.0	4.4
06 09 75 1645			.3		31152			8000.	1000.	260.		20.0	6.0	1.4
27 09 75 1430			.3		31170			6600.	400.	10.		18.0	8.0	1.0
01 11 75 1410			.3		31188							13.0	10.0	6.0
06 12 75 1430			.3		31206			600.	56.	148.		0.0	13.0	2.0
MAXIMUM								8000.	1000.	305.		26.0	13.0	42.0
AVG OR GEOM MN (*)								1113.* U	41.*	36.*		14.3	8.9	5.7
MINIMUM								150.	4.	0.		0.0	6.0	1.0
NO OF SAMPLES								11	11	10		12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
18 01 75 1615			.3		0.055	0.014	0.08	0.45	0.008	0.230	8.90	130	8.	6.9
08 02 75 1715			.3		0.022	0.006	0.08	0.31	0.005	0.360	3.40	130	7.	7.6
03 03 75 1730			.3		0.044	0.015	0.03	0.26	0.008	0.360	3.60	136	10.	7.8
05 04 75 1630			.3		0.043	0.012	0.43	1.70	0.016	0.460	8.10	185	15.	7.6
26 04 75 1350			.3		0.054	0.009	0.07	0.30	0.010	0.360	20.00	108	32.	6.8
26 05 75 1100			.3		0.038	0.016	4.70	5.50	0.015	0.270	4.50	64	21.	7.5
14 06 75 1615			.3		0.034	0.011	0.50	0.72	0.100	0.380	5.00	133	6.	7.4
29 07 75 1400			.3		0.042	0.003	0.01 L	0.36	2.100	1.300	10.00	160	11.	7.1
06 09 75 1645			.3		0.055	0.010	0.16	0.95	0.041	0.320	21.00	215	23.	7.2
27 09 75 1430			.3		0.026	0.005	0.38	0.58	0.017	0.230	3.40	160	9.	7.6
01 11 75 1410			.3		0.014	0.001	0.12	0.60	0.220	0.320	1.80	145	17.	6.9
06 12 75 1430			.3		0.038	0.010	0.39	0.76	0.130	0.380	8.00	185	18.	7.4
MAXIMUM					0.055	0.016	4.70	5.50	2.100	1.300	21.00	215	32.	7.8
AVG OR GEOM MN (*)					0.039	0.009	0.58 D	1.04	0.223	0.414	8.14	146	14.	7.3
MINIMUM					0.014	0.001	0.01	0.26	0.005	0.230	1.80	64	6.	6.8
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
18 01 75 1615			.3		31008		43					70.		1.82
08 02 75 1715			.3		31026		45					15.		1.70
03 03 75 1730			.3		31044		47			2.00		4.	0.1L	1.90
05 04 75 1630			.3		31062		52					120.		2.30
26 04 75 1350			.3		31080		24					10.		2.40
26 05 75 1100			.3		31098		50					110.		2.20
14 06 75 1615			.3		31116		47					58.		2.00
29 07 75 1400			.3		31134		31					70.		1.90
06 09 75 1645			.3		31152		51					4.		3.30
27 09 75 1430			.3		31170		47					19.		2.20
01 11 75 1410			.3		31188		36					65.		1.80
06 12 75 1430			.3		31206		47					18. L		2.70
MAXIMUM							52			2.00		120.	0.1	3.30
AVG OR GEOM MN (*)							43			2.00		46. D	0.1D	2.19
MINIMUM							24			2.00		4.	0.1	1.70
NO OF SAMPLES							12			1		12	1	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
18 01 75 1615			.3			100.	15. L		85					
08 02 75 1715			.3			39.	4.		35					
03 03 75 1730			.3		5.	109.	9.		100	1.4	4.30	15	5	20
05 04 75 1630			.3			126.	8.		118					
26 04 75 1350			.3			110.	40.		70					
26 05 75 1100			.3			61.	19.		42					
14 06 75 1615			.3			102.	14.		88					
29 07 75 1400			.3			143.	29.		109					
06 09 75 1645			.3			186.	23.		163					
27 09 75 1430			.3			113.	9.		104					
01 11 75 1410			.3			103.	9.		94					
06 12 75 1430			.3			126.	6.		120					
MAXIMUM					5.	186.	40.		163	1.4	4.30	15	5	20
AVG OR GEOM MN (*)					5.	109.	15. D		94	1.4	4.30	15	5	20
MINIMUM					5.	39.	4.		35	1.4	4.30	15	5	20
NO OF SAMPLES					1	12	12		12	1	1	1	1	1

CONT'D

B.O.W./ SITE: EAST DAVIGNON CREEK
SAMPLE POINT: NEAR MOUTH, WEST OF ALGOMA SAULT
STATION TYPE: RIVER

STATION ID: 13-0008-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: EAST DAVIGNON CREEK

STORET CODE: 02
002
8600

STN NO 1 LAT LONG U.T.M. 16 0700925.0 5155300.0 4 REGION 05 MILEAGE 0.30

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	203 TOTAL ALUMINUM MG/L	265 TOTAL ARSENIC MG/L	64 CALCIUM MG/L	72 TOTAL CALCIUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	272 SIMPLE CYANIDE MG/L	215 TOTAL CADMIUM MG/L	229 TOTAL LEAD MG/L
18 01 75	1615			.3		31008			16.0						
08 02 75	1715			.3		31026			16.0						
03 03 75	1730			.3		31044	0.14	0.01	16.0		0.040L	0.05 L	0.01L	0.020L	0.03 L
05 04 75	1630			.3		31062			20.0						
26 04 75	1350			.3		31080			12.0						
26 05 75	1100			.3		31098			18.0						
14 06 75	1615			.3		31116			17.0						
29 07 75	1400			.3		31134				19.0					
06 09 75	1645			.3		31152				27.0					
27 09 75	1430			.3		31170				18.0					
01 11 75	1410			.3		31188				16.0					
06 12 75	1430			.3		31206				21.0					
MAXIMUM							0.14	0.01	20.0	27.0	0.040	0.05	0.01	0.020	0.03
AVG OR GEOM MN (*)							0.14	0.01	16.4	20.2	0.040D	0.05 D	0.01D	0.020D	0.03 D
MINIMUM							0.14	0.01	12.0	16.0	0.040	0.05	0.01	0.020	0.03
NO OF SAMPLES							1	1	7	5	1	1	1	1	1

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	65 MAG NESIUM MG/L	74 TOT. MAG NESIUM MG/L	200 MANGNESE MN MG/L	235 TOTAL MERCURY UG/L	238 TOTAL NICKEL MG/L	249 TOTAL ZINC MG/L	217 TOTAL COBALT MG/L	218 BARIUM MG/L	219 SELENIUM MG/L	361 SOLVENT EXTRBLES MG/L
18 01 75	1615			.3				0.06							
08 02 75	1715			.3				0.05							
03 03 75	1730			.3		3.0		0.05	0.010L	0.02 L	0.050L				
05 04 75	1630			.3				0.08							
26 04 75	1350			.3				0.11							
26 05 75	1100			.3				0.03							
14 06 75	1615			.3				0.06							
29 07 75	1400			.3				0.10							
06 09 75	1645			.3				0.18							
27 09 75	1430			.3				0.09							
01 11 75	1410			.3				0.04							
06 12 75	1430			.3				0.07							
MAXIMUM						3.0		0.18	0.010	0.02	0.050				
AVG OR GEOM MN (*)						3.0		0.08	0.010D	0.02 D	0.050D				
MINIMUM						3.0		0.03	0.010	0.02	0.050				
NO OF SAMPLES						1		12	1	1	1				

SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

B.O.W./ SITE: FORT CREEK
SAMPLE POINT: AT MOUTH, SAULT STE MARIE
STATION TYPE: RIVER

STATION ID: 13-0009-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: FORT CREEK

STORET CODE: 02
002
8590

STN NO 1   LAT   LONG   U.T.M. 16 0703800.0 5154550.0 4   REGION 05   MILEAGE 0.10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
18 01 75 1600			.3		31007			3800.	1300.	230.		0.0	11.0	0.6
08 02 75 1610			.3		31025			2500.	106.	35.		0.0	11.0	1.6
03 03 75 1630			.3		31043			1500.	212.	80.		0.0	8.0	1.8
05 04 75 1540			.3		31061			8000. G	160. G	36.		0.0	12.0	0.2
26 04 75 1310			.3		31079			210.	66.	45.		5.0	11.0	1.9
26 05 75 1010			.3		31097			25000.	1500.	156.		16.0	8.0	1.6
14 06 75 1530			.3		31115			2200.	1000.	584.		20.0	7.0	2.4
29 07 75 1300			.3		31133			8000. G	700.			22.0	6.0	0.6
06 09 75 1600			.3		31151			8000.	1200.	1600.		16.0	6.0	1.4
27 09 75 1400			.3		31169			8000.	900.	60.		12.0	7.0	10.0
01 11 75 1330			.3		31187							7.0	11.0	3.6
06 12 75 1400			.3		31205			8000.	3800.	768.		0.0	12.0	1.4
MAXIMUM								25000.	3800.	1600.		22.0	12.0	10.0
AVG OR GEOM MN (*)								4092.* U	548.* U	153.*		8.2	9.2	2.3
MINIMUM								210.	66.	35.		0.0	6.0	0.2
NO OF SAMPLES								11	11	10		12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
18 01 75 1600			.3		0.046	0.010	0.06	0.44	0.012	0.340	7.70	530	86.	6.8
08 02 75 1610			.3		0.055	0.002	0.19	0.56	0.010	0.630	6.00	550	95.	7.1
03 03 75 1630			.3		0.110	0.022	0.04	0.47	0.012	0.510	9.30	790	174.	7.8
05 04 75 1540			.3		0.056	0.014	0.01	0.54	0.011	0.690	8.60	840	181.	7.6
26 04 75 1310			.3		0.080	0.018	0.04	0.36	0.016	0.400	44.00	230	33.	7.2
26 05 75 1010			.3		0.052	0.005	0.10	0.63	0.013	0.160	19.00	540	87.	7.3
14 06 75 1530			.3		0.066	0.016	0.02	0.44	0.048	0.240	20.00	500	9.	7.3
29 07 75 1300			.3		0.085	0.050	0.01 L	0.40	0.003	0.530	14.00	520	85.	7.5
06 09 75 1600			.3		0.080	0.008	0.17	1.20	0.011	0.120	23.00	470	170.	7.2
27 09 75 1400			.3		0.092	0.021	0.02	0.46	0.015	0.230	17.00	550	67.	7.4
01 11 75 1330			.3		0.170	0.110	0.08	0.52	0.013	0.260	9.40	465	60.	7.5
06 12 75 1400			.3		0.086	0.021	0.09	0.62	0.019	0.610	73.00	530		7.8
MAXIMUM					0.170	0.110	0.19	1.20	0.048	0.690	73.00	840	181.	7.8
AVG OR GEOM MN (*)					0.082	0.025	0.07 D	0.55	0.015	0.393	20.92	543	95.	7.4
MINIMUM					0.046	0.002	0.01	0.36	0.003	0.120	6.00	230	9.	6.8
NO OF SAMPLES					12	12	12	12	12	12	12	12	11	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
18 01 75 1600			.3		31007		109					1. L		4.20
08 02 75 1610			.3		31025		116					1.		6.00
03 03 75 1630			.3		31043		111			1.20		2.	0.1	4.70
05 04 75 1540			.3		31061		131					2.		5.70
26 04 75 1310			.3		31079		56					1.		4.10
26 05 75 1010			.3		31097		133					1. L		3.70
14 06 75 1530			.3		31115		108					1. L		4.30
29 07 75 1300			.3		31133		123					1. L		9.00
06 09 75 1600			.3		31151		100					1. L		3.90
27 09 75 1400			.3		31169		142					1.		6.00
01 11 75 1330			.3		31187		123					1.		5.70
06 12 75 1400			.3		31205		89					1.		
MAXIMUM							142			1.20		2.	0.1	9.00
AVG OR GEOM MN (*)							112			1.20		1. D	0.1	5.21
MINIMUM							56			1.20		1.	0.1	3.70
NO OF SAMPLES							12			1		12	1	11

CONT'D

B.O.W./ SITE: FORT CREEK
SAMPLE POINT: AT MOUTH, SAULT STE MARIE
STATION TYPE: RIVER

STATION ID: 13-0009-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: FORT CREEK

STORET CODE: 02
002
8590

STN NO 1 LAT LONG U.T.M. 16 0703800.0 5154550.0 4 REGION 05 MILEAGE 0.10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
18 01 75 1600			.3			240.	15. L	225						
08 02 75 1610			.3			320.	9.	311						
03 03 75 1630			.3		14.	500.	32.	468		3.1	108.00	32	7	40
05 04 75 1540			.3			550.	13.	537						
26 04 75 1310			.3			207.	57.		150					
26 05 75 1010			.3			290.	15.	275						
14 06 75 1530			.3			325.	27.	298						
29 07 75 1300			.3			467.	98.	369						
06 09 75 1600			.3			366.	48.	318						
27 09 75 1400			.3			437.	59.	378						
01 11 75 1330			.3			341.	57.	284						
06 12 75 1400			.3			398.	49.	349						
MAXIMUM					14.	550.	98.	537	150	3.1	108.00	32	7	40
AVG OR GEOM MN (*)					14.	370.	39. D	347	150	3.1	108.00	32	7	40
MINIMUM					14.	207.	9.	225	150	3.1	108.00	32	7	40
NO OF SAMPLES					1	12	12	11	1	1	1	1	1	1

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	203 TOTAL ALUMINUM MG/L	265 TOTAL ARSENIC MG/L	64 CALCIUM MG/L	72 TOTAL CALCIUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	272 SIMPLE CYANIDE MG/L	215 TOTAL CADMIUM MG/L	229 TOTAL LEAD MG/L
18 01 75 1600			.3		31007			40.0						
08 02 75 1610			.3		31025			39.0						
03 03 75 1630			.3		31043	0.53	0.01 L	42.0		0.040	0.05 L	0.01L	0.020L	0.03 L
05 04 75 1540			.3		31061			56.0						
26 04 75 1310			.3		31079			22.0						
26 05 75 1010			.3		31097			24.0						
14 06 75 1530			.3		31115			42.0						
29 07 75 1300			.3		31133				45.0					
06 09 75 1600			.3		31151				38.0					
27 09 75 1400			.3		31169				50.0					
01 11 75 1330			.3		31187				40.0					
06 12 75 1400			.3		31205				34.0					
MAXIMUM						0.53	0.01	56.0	50.0	0.040	0.05	0.01	0.020	0.03
AVG OR GEOM MN (*)						0.53	0.01 D	37.9	41.4	0.040	0.05 D	0.01D	0.020D	0.03 D
MINIMUM						0.53	0.01	22.0	34.0	0.040	0.05	0.01	0.020	0.03
NO OF SAMPLES						1	1	7	5	1	1	1	1	1

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	65 MAG NESIUM MG/L	74 TOT. MAG NESIUM MG/L	200 MANGNESE MN MG/L	235 TOTAL MERCURY UG/L	238 TOTAL NICKEL MG/L	249 TOTAL ZINC MG/L	217 TOTAL COBALT MG/L	218 BARIUM MG/L	219 SELENIUM MG/L	361 SOLVENT EXTRBLES MG/L
18 01 75 1600			.3				0.17							
08 02 75 1610			.3				0.22							
03 03 75 1630			.3		11.0		0.25	0.010L	0.02 L	0.050L				
05 04 75 1540			.3				0.29							
26 04 75 1310			.3				0.15							
26 05 75 1010			.3				0.15							
14 06 75 1530			.3				0.03							
29 07 75 1300			.3				0.30							
06 09 75 1600			.3				0.18							
27 09 75 1400			.3				0.15							
01 11 75 1330			.3				0.17							
06 12 75 1400			.3				0.18							
MAXIMUM					11.0		0.30	0.010	0.02	0.050				
AVG OR GEOM MN (*)					11.0		0.19	0.010D	0.02 D	0.050D				
MINIMUM					11.0		0.03	0.010	0.02	0.050				
NO OF SAMPLES					1		12	1	1	1				

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SAMPLE INFORMATION SYSTEM        STATION SUMMARY REPORT - RIVER BASINS                    DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: ROOT RIVER                                                                   STATION ID:  13-0011-001-02
 SAMPLE POINT: AT HIGHWAY NO 17 6 MILES EAST OF SAULT STE MARIE
 STATION TYPE: RIVER                                        MAJOR BASIN: GREAT LAKES               STORET CODE: 02
                                                            MINOR BASIN: LAKE HURON                             002
                                                            TERM STREAM: ROOT RIVER                             8570

STN NO     1      LAT                 LONG              U.T.M. 16 0713250.0 5158350.0 4     REGION 05          MILEAGE    0.80

                                       934       901       444        80        81        84        88       805         3         1
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE       SCD  FLOW CFS     TOTAL     FECAL      M.F.    PSEUD.     WATER     DISS.     5-DAY
DY MO YR LMT   DIST BRG DEPTH           NO                      COLIFORM  COLIFORM    ENTER.       MPA     TEMP.        O2       BOD
               FEET      MTRS                                   MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L

18 01 75 1500             .3       31006                52.0      200.      196.       65.                 0.0       6.0       1.0
08 02 75 1540             .3       31024                17.9      300.       36.       15.                 0.0      10.0       1.0
03 03 75 1545             .3       31042                18.0      600.      250.       24.                 0.0      10.0       1.2
05 04 75 1440             .3       31060                24.0      184.        0.       24.                 0.0      12.0       0.2
26 04 75 1245             .3       31078                482.       50.        0.       10.                 4.0      12.0       1.6
25 05 75 1435             .3       31096                34.6      700.       92.       24.                19.0       9.0       0.6
14 06 75 1420             .3       31114                41.7      800.      300.      174.                18.0       9.0       0.8
29 07 75 1235             .3       31132                 8.4     1900.       16.                          21.0       8.0       0.4
06 09 75 1515             .3       31150                20.9     6600.     1100.     2080.                15.0       8.0       1.0
27 09 75 1300             .3       31168                23.6      200.       10.       25.                 9.0       9.0       0.2
01 11 75 1550             .3       31186                25.9                                               5.0      11.0       1.0
06 12 75 1315             .3       31204                86.2      700.      180.      102.                 0.0      12.0       1.4

                     MAXIMUM                            482.     6600.     1100.     2080.                21.0      12.0       1.6
          AVG OR GEOM MN (*)                            69.6     482.*      45.*      51.*                 7.6       9.7       0.9
                     MINIMUM                             8.4       50.        0.       10.                 0.0       6.0       0.2

               NO OF SAMPLES                              12        11        11        10                  12        12        12

                                        33        34        19        20        21        22        16        14        56        55
SAMP DTE HOUR  STN  STN SAMP  PJ     TOTAL  FILTERED  FILTERED     TOTAL   NITRITE   NITRATE     TURB.     COND.  CHLORIDE        PH
DY MO YR LMT   DIST BRG DEPTH            P  REACTIVE   AMMONIA  KJELDAHL     NO2-N     NO3-N  FORMAZIN       25C      MG/L    AT LAB
               FEET      MTRS         MG/L    P MG/L      MG/L      MG/L      MG/L      MG/L     UNITS     UMHOS

18 01 75 1500             .3       0.018     0.006      0.06      0.32     0.004     0.210      4.40        79        7.       6.4
08 02 75 1540             .3       0.013     0.005      0.11      0.35     0.007     0.370      2.20       232       51.       7.2
03 03 75 1545             .3       0.018     0.004      0.09      0.41     0.004     0.330      2.80       109       14.       7.3
05 04 75 1440             .3       0.013     0.003      0.05      0.35     0.004     0.350      5.00       120       14.       7.2
26 04 75 1245             .3       0.060     0.004      0.03      0.30     0.004     0.430     22.00        51        2.       7.0
25 05 75 1435             .3       0.084     0.064      0.03      0.35     0.006     0.150      4.20        78        6.       6.9
14 06 75 1420             .3       0.095     0.077      0.01      0.27     0.018     0.170      3.00        74        6.       7.2
29 07 75 1235             .3       0.016     0.004      0.01 L    0.36     0.018     0.330      9.10       160        7.       7.2
06 09 75 1515             .3       0.026     0.007      0.01      0.30     0.005     0.170     12.00       100        7.       7.2
27 09 75 1300             .3       0.014     0.005      0.04      0.31     0.007     0.150      1.90        95        6.
01 11 75 1550             .3       0.018     0.013      0.06      0.33     0.008     0.230      1.70        85        6.       6.8
06 12 75 1315             .3       0.068     0.004      0.05      0.42     0.006     0.300     27.00        92        6.       6.9

                     MAXIMUM       0.095     0.077      0.11      0.42     0.018     0.430     27.00       232       51.       7.3
          AVG OR GEOM MN (*)       0.037     0.016      0.05 D    0.34     0.008     0.266      7.94       106       11.       7.0
                     MINIMUM       0.013     0.003      0.01      0.27     0.004     0.150      1.70        51        2.       6.4

               NO OF SAMPLES          12        12        12        12        12        12        12        12        12        11

                                       934        95        52        50        76        61        68        25        60       280
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE   ACIDITY   TOT ALK  HARDNESS    CALCUL     TOTAL    COLOUR   PHENOLS            REACTIVE
DY MO YR LMT   DIST BRG DEPTH           NO      MG/L    AT LAB     CACO3  HARDNESS      IRON     HAZEN            FLUORIDE  SILICATE
               FEET      MTRS                             MG/L      MG/L      MG/L      MG/L     UNITS      UG/L      MG/L   SI MG/L

18 01 75 1500             .3       31006                  14                                                  1.                2.57
08 02 75 1540             .3       31024                  20                                                  2.                4.00
03 03 75 1545             .3       31042                  28                          0.60                    2.      0.1L      3.50
05 04 75 1440             .3       31060                  24                                                  1. L              4.00
26 04 75 1245             .3       31078                  10                                                  1. L              2.10
25 05 75 1435             .3       31096                  19                                                  1. L              2.50
14 06 75 1420             .3       31114                  20                                                  2.                2.60
29 07 75 1235             .3       31132                  26                                                  1. L              4.20
06 09 75 1515             .3       31150                  30                                                  2.                5.50
27 09 75 1300             .3       31168                  22                                                  3.                3.80
01 11 75 1550             .3       31186                  22                                                  1. L              3.70
06 12 75 1315             .3       31204                  14                                                  1.                2.90

                     MAXIMUM                              30                          0.60                    3.       0.1      5.50
          AVG OR GEOM MN (*)                              21                          0.60                    1. D    0.1D      3.45
                     MINIMUM                              10                          0.60                    1.       0.1      2.10

               NO OF SAMPLES                              12                             1                    12         1        12
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B.O.W./ SITE: ROOT RIVER                                                                      STATION ID:  13-0011-001-02
SAMPLE POINT: AT HIGHWAY NO 17 6 MILES EAST OF SAULT STE MARIE
STATION TYPE: RIVER                                         MAJOR BASIN: GREAT LAKES                     STORET CODE: 02
                                                            MINOR BASIN: LAKE HURON                                   002
                                                            TERM STREAM: ROOT RIVER                                   8570

STN NO      1       LAT                LONG                 U.T.M. 16 0713250.0 5158350.0 4     REGION 05          MILEAGE    0.80

                                              59         5         6         7       107        67        66        45        47        41
SAMP DTE HOUR  STN  STN SAMP  PJ  SULPHATE     TOTAL     SUSP.     DISS.     DISS.   PTSSIUM    SODIUM     TOT C   ORGANIC       COD
DY MO YR LMT   DIST BRG DEPTH                 SOLIDS    SOLIDS    SOLIDS    SOLIDS         K        NA      AS C    C AS C
               FEET     MTRS          MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

18 01 75 1500             .3                     65.       15. L                50
08 02 75 1540             .3                    154.        4.                 150
03 03 75 1545             .3            8.       85.        5.                  80       1.2      8.00        13        10        20
05 04 75 1440             .3                     82.        4.                  78
26 04 75 1245             .3                    113.       80.                  33
25 05 75 1435             .3                     57.        8.                  49
14 06 75 1420             .3                     54.        5.                  49
29 07 75 1235             .3                     78.        6.                  72
06 09 75 1515             .3                     85.       10.                  75
27 09 75 1300             .3                     68.        4.                  64
01 11 75 1550             .3                     56.        1.                  55
06 12 75 1315             .3                     96.       37.                  59


                     MAXIMUM            8.      154.       80.                 150       1.2      8.00        13        10        20
          AVG OR GEOM MN (*)            8.       82.       14. D                68       1.2      8.00        13        10        20
                     MINIMUM            8.       54.        1.                  33       1.2      8.00        13        10        20

               NO OF SAMPLES             1        12        12                  12         1         1         1         1         1

                                       934       203       265        64        72       221       225       272       215       229
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE     TOTAL     TOTAL               TOTAL     TOTAL     TOTAL    SIMPLE     TOTAL     TOTAL
DY MO YR LMT   DIST BRG DEPTH           NO  ALUMINUM   ARSENIC   CALCIUM   CALCIUM  CHROMIUM    COPPER   CYANIDE   CADMIUM      LEAD
               FEET     MTRS                    MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

18 01 75 1500             .3         31006                           7.0
08 02 75 1540             .3         31024                           9.0
03 03 75 1545             .3         31042      0.23      0.01 L     9.0               0.040L    0.05 L    0.01L    0.020L    0.03 L
05 04 75 1440             .3         31060                          10.0
26 04 75 1245             .3         31078                           5.0
25 05 75 1435             .3         31096                           8.0
14 06 75 1420             .3         31114                           8.0
29 07 75 1235             .3         31132                                     9.0
06 09 75 1515             .3         31150                                    11.0
27 09 75 1300             .3         31168                                     8.8
01 11 75 1550             .3         31186                                     8.0
06 12 75 1315             .3         31204                                     7.0


                     MAXIMUM                    0.23      0.01      10.0      11.0     0.040      0.05      0.01     0.020      0.03
          AVG OR GEOM MN (*)                    0.23      0.01 D     8.0       8.8     0.040D     0.05 D    0.01D    0.020D    0.03 D
                     MINIMUM                    0.23      0.01       5.0       7.0     0.040      0.05      0.01     0.020      0.03

               NO OF SAMPLES                       1         1         7         5         1         1         1         1         1
                                        65        74       200       235       238       249       217       218       219       361
SAMP DTE HOUR  STN  STN SAMP  PJ       MAG  TOT. MAG  MANGNESE     TOTAL     TOTAL     TOTAL     TOTAL    BARIUM  SELENIUM   SOLVENT
DY MO YR LMT   DIST BRG DEPTH       NESIUM    NESIUM        MN   MERCURY    NICKEL      ZINC    COBALT      MG/L      MG/L  EXTRBLES
               FEET     MTRS          MG/L      MG/L      MG/L      UG/L      MG/L      MG/L      MG/L                          MG/L

18 01 75 1500             .3                              0.03
08 02 75 1540             .3                              0.04
03 03 75 1545             .3           2.0                0.06     0.010L     0.02 L   0.050L
05 04 75 1440             .3                              0.05
26 04 75 1245             .3                              0.02 L
25 05 75 1435             .3                              0.03
14 06 75 1420             .3
29 07 75 1235             .3                              0.05
06 09 75 1515             .3                              0.08
27 09 75 1300             .3                              0.03
01 11 75 1550             .3                              0.04
06 12 75 1315             .3                              0.08


                     MAXIMUM           2.0                0.08     0.010      0.02     0.050
          AVG OR GEOM MN (*)           2.0                0.05 D   0.010D     0.02 D   0.050D
                     MINIMUM           2.0                0.02     0.010      0.02     0.050

               NO OF SAMPLES             1                  11         1         1         1
```

CONT'D

B.O.W./ SITE: GARDEN RIVER
SAMPLE POINT: HIGHWAY 17, GARDEN RIVER
STATION TYPE: RIVER

STATION ID: 13-0013-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: GARDEN RIVER

STORET CODE: 02
002
8550

STN NO 1   LAT   LONG   U.T.M. 16 0717900.0 5158150.0 4   REGION 05   MILEAGE 1.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
18 01 75 1415			.3		31005			2.	0.	5.		0.0	9.0	0.8
08 02 75 1500			.3		31023			0.	0.	0.		0.0	10.0	0.6
03 03 75 1500			.3		31041			0.	0.	2.		0.0	11.0	0.8
05 04 75 1415			.3		31059			0.	0.	0.		0.0	12.0	0.2
26 04 75 1230			.3		31077			32.	2.	0.		4.0	11.0	0.8
25 05 75 1415			.3		31095			42.	36.	20.		19.0	9.0	0.4
14 06 75 1400			.3		31113			42.	8.	82.		18.0	8.0	0.6
29 07 75 1215			.3		31131			156.	22.			21.0	8.0	0.2
06 09 75 1455			.3		31149			3900.	200.	1688.		16.0	7.0	1.2
27 09 75 1240			.3		31167			26.	2.	0.		10.0	9.0	0.2
01 11 75 1615			.3		31185							5.0	11.0	0.6
06 12 75 1240			.3		31203			48.	8.	8.		0.0	13.0	0.6
MAXIMUM								3900.	200.	1688.		21.0	13.0	1.2
AVG OR GEOM MN (*)								18.*	5.*	7.*		7.8	9.8	0.6
MINIMUM								0.	0.	0.		0.0	7.0	0.2
NO OF SAMPLES								11	11	10		12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
18 01 75 1415			.3		0.014	0.008	0.02	0.23	0.004	0.250	1.50	55	1.	6.4
08 02 75 1500			.3		0.009	0.003	0.01	0.22	0.001	0.310	1.30	73	2.	7.0
03 03 75 1500			.3		0.008	0.001	0.01	0.17	0.002	0.320	1.40	66	1.	7.4
05 04 75 1415			.3		0.006	0.001	0.02	0.22	0.002	0.370	3.70	106	13.	7.3
26 04 75 1230			.3		0.054	0.003	0.02	0.24	0.002	0.480	25.00	48	1.	7.0
25 05 75 1415			.3		0.021	0.003	0.04	0.30	0.003	0.140	10.00	54	1.	7.2
14 06 75 1400			.3		0.010	0.001L	0.02	0.18	0.003	0.150	2.70	52	1.	7.3
29 07 75 1215			.3		0.007	0.004	0.01 L	0.18	0.021	0.120	2.30	73	1.	7.5
06 09 75 1455			.3		0.017	0.005	0.03	0.27	0.004	0.080	15.00	81	1.	7.2
27 09 75 1240			.3		0.017	0.008	0.01 L	0.20	0.003	0.080	1.60	65	1.	7.4
01 11 75 1615			.3		0.024	0.017	0.01 L	0.23	0.004	0.220	1.10	60	1.	6.8
06 12 75 1240			.3		0.011	0.001	0.02	0.23	0.003	0.310	2.80	54	0.	7.2
MAXIMUM					0.054	0.017	0.04	0.30	0.021	0.480	25.00	106	13.	7.5
AVG OR GEOM MN (*)					0.017	0.005D	0.02 D	0.22	0.004	0.236	5.70	66	2.	7.1
MINIMUM					0.006	0.001	0.01	0.17	0.001	0.080	1.10	48	0.	6.4
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	65 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
18 01 75 1415			.3		31005		16					1. L		2.80
08 02 75 1500			.3		31023		17					1. L		3.00
03 03 75 1500			.3		31041		23			0.20		1. L	0.1L	3.20
05 04 75 1415			.3		31059		27					1. L		3.80
26 04 75 1230			.3		31077		11					1. L		2.40
25 05 75 1415			.3		31095		16					1. L		2.60
14 06 75 1400			.3		31113		16					6.		2.50
29 07 75 1215			.3		31131		25					1. L		3.60
06 09 75 1455			.3		31149		30					1.		3.70
27 09 75 1240			.3		31167		20					1. L		3.00
01 11 75 1615			.3		31185		18					1. L		3.00
06 12 75 1240			.3		31203		12					1. L		2.90
MAXIMUM							30			0.20		6.	0.1	3.80
AVG OR GEOM MN (*)							19			0.20		1. D	0.1D	3.04
MINIMUM							11			0.20		1.	0.1	2.40
NO OF SAMPLES							12			1		12	1	12

CONT'D

B.O.W./ SITE: GARDEN RIVER
SAMPLE POINT: HIGHWAY 17, GARDEN RIVER
STATION TYPE: RIVER

STATION ID: 13-0013-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: GARDEN RIVER

STORET CODE: 02
002
8550

STN NO 1 LAT LONG U.T.M. 16 0717900.0 5158150.0 4 REGION 05 MILEAGE 1.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
19 01 75 1415			.3			55.	15. L		40					
03 02 75 1500			.3			55.	5.		50					
03 03 75 1500			.3		8.	65.	5.		60	0.7	2.40	7	4	20
05 04 75 1415			.3			74.	5.		69					
26 04 75 1230			.3			113.	82.		31					
25 05 75 1415			.3			47.	11.		36					
14 06 75 1400			.3			36.	3.		33					
29 07 75 1215			.3			50.	3.		47					
06 09 75 1455			.3			81.	14.		67					
27 09 75 1240			.3			44.	2.		42					
01 11 75 1615			.3			40.	1.		39					
06 12 75 1240			.3			47.	11.		36					
MAXIMUM					8.	113.	82.		69	0.7	2.40	7	4	20
AVG OR GEOM MN (*)					8.	58.	13. D		46	0.7	2.40	7	4	20
MINIMUM					8.	36.	1.		31	0.7	2.40	7	4	20
NO OF SAMPLES					1	12	12		12	1	1	1	1	1

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	203 TOTAL ALUMINUM MG/L	265 TOTAL ARSENIC MG/L	64 CALCIUM MG/L	72 TOTAL CALCIUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	272 SIMPLE CYANIDE MG/L	215 TOTAL CADMIUM MG/L	229 TOTAL LEAD MG/L
18 01 75 1415			.3		31005			7.0						
09 02 75 1500			.3		31023			7.0						
03 03 75 1500			.3		31041	0.10	0.01 L	7.0		0.040L	0.05 L	0.01L	0.020L	0.03 L
05 04 75 1415			.3		31059			9.0						
26 04 75 1230			.3		31077			6.0						
25 05 75 1415			.3		31095			7.0						
14 06 75 1400			.3		31113			7.0						
29 07 75 1215			.3		31131				8.0					
06 09 75 1455			.3		31149				9.0					
27 09 75 1240			.3		31167				7.4					
01 11 75 1615			.3		31185				7.0					
06 12 75 1240			.3		31203				6.0					
MAXIMUM						0.10	0.01	9.0	9.0	0.040	0.05	0.01	0.020	0.03
AVG OR GEOM MN (*)						0.10	0.01 D	7.1	7.5	0.040D	0.05 D	0.01D	0.020D	0.03 D
MINIMUM						0.10	0.01	6.0	6.0	0.040	0.05	0.01	0.020	0.03
NO OF SAMPLES						1	1	7	5	1	1	1	1	1

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	65 MAG NESIUM MG/L	74 TOT. MAG NESIUM MG/L	200 MANGNESE MN MG/L	235 TOTAL MERCURY UG/L	238 TOTAL NICKEL MG/L	249 TOTAL ZINC MG/L	217 TOTAL COBALT MG/L	218 BARIUM MG/L	219 SELENIUM MG/L	361 SOLVENT EXTRBLES MG/L
18 01 75 1415			.3				0.02 L							
08 02 75 1500			.3				0.01							
03 03 75 1500			.3		1.0		0.04 L	0.010L	0.02 L	0.050L				
05 04 75 1415			.3				0.04							
26 04 75 1230			.3				0.07							
25 05 75 1415			.3				0.01							
14 06 75 1400			.3				0.01 L							
29 07 75 1215			.3				0.01 L							
06 09 75 1455			.3				0.03							
27 09 75 1240			.3				0.01							
01 11 75 1615			.3				0.01							
06 12 75 1240			.3				0.02							
MAXIMUM					1.0		0.07	0.010	0.02	0.050				
AVG OR GEOM MN (*)					1.0		0.02 D	0.010D	0.02 D	0.050D				
MINIMUM					1.0		0.01	0.010	0.02	0.050				
NO OF SAMPLES					1		12	1	1	1				

SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: DESBARATS RIVER
SAMPLE POINT: HIGHWAY 17, VILLAGE OF DESBARATS
STATION TYPE: RIVER

STATION ID: 13-0019-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: DESBARATS RIVER

STORET CODE: 02
002
8270

STN NO 2 LAT LONG U.T.M. 17 0275100.0 5136125.0 4 REGION 05 MILEAGE 0.70

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
18 01 75 1135			.3		31002			62.	14.	240.		0.0	11.0	0.6
08 02 75 1200			.3		31020			26.	2.	30.		0.0	11.0	1.0
03 03 75 1210			.3		31038			148.	126.	102.		0.0	10.0	1.2
05 04 75 1205			.3		31056			40.	0.	60.		0.0	11.0	0.8
26 04 75 1000			.3		31074			44.	0.	5.		4.0	11.0	1.1
25 05 75 1245			.3		31092			124.	110.	126.		18.0	7.0	1.0
14 06 75 1155			.3		31110			300.	40.	130.		19.0	7.0	1.4
29 07 75 0930			.3		31128			236.	6.			21.0	7.0	0.4
06 09 75 1150			.3		31146							15.0	7.0	1.6
27 09 75 1045			.3		31164			40.	6.	0.		12.0	8.0	1.0
01 11 75 1730			.3		31182							5.0	11.0	3.0
06 12 75 1035			.3		31200			8000.	8000.	628.		0.0	11.0	1.4
MAXIMUM								8000.	8000.	628.		21.0	11.0	3.0
AVG OR GEOM MN (*)								128.*	18.*	51.*		7.8	9.3	1.2
MINIMUM								26.	0.	0.		0.0	7.0	0.4
NO OF SAMPLES								10	10	9		12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
18 01 75 1135			.3		0.048	0.005	0.05	0.68	0.005	0.100	4.10	105	3.	6.6
08 02 75 1200			.3		0.280	0.100	0.06	0.68	0.005	0.300	5.70	93	3.	6.9
03 03 75 1210			.3		0.034	0.007	0.04	0.47	0.004	0.170	5.70	82	4.	7.2
05 04 75 1205			.3		0.034	0.003	0.22	1.00	0.004	0.190	6.50	92	5.	7.4
26 04 75 1000			.3		0.036	0.006	0.01	0.38	0.003	0.140	15.00	60	2.	6.7
25 05 75 1245			.3		0.076	0.015	0.07	0.50	0.005	0.050	17.00	62	2.	6.8
14 06 75 1155			.3		0.074	0.015	0.12	0.58	0.037	0.070	7.70	109	5.	7.2
29 07 75 0930			.3		0.100	0.040	0.01 L	0.44	0.003	0.230	5.00	92	3.	6.9
06 09 75 1150			.3		0.057	0.011	0.08	0.61	0.004	0.010L	4.40	100	4.	7.2
27 09 75 1045			.3		0.064	0.022	0.09	0.76	0.004	0.010L	8.10	160	9.	7.3
01 11 75 1730			.3		0.080	0.019	0.11	0.92	0.009	0.030	6.80	170	11.	7.0
06 12 75 1035			.3		0.100	0.032	0.09	0.68	0.011	0.150	38.00	95	4.	7.0
MAXIMUM					0.280	0.100	0.22	1.00	0.037	0.300	38.00	170	11.	7.4
AVG OR GEOM MN (*)					0.082	0.023	0.08 D	0.64	0.008	0.121D	10.33	102	4.	7.0
MINIMUM					0.034	0.003	0.01	0.38	0.003	0.010	4.10	60	2.	6.6
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
18 01 75 1135			.3		31002		26					1.		2.57
08 02 75 1200			.3		31020		23					1.		3.00
03 03 75 1210			.3		31038		24			0.65		1.	0.1L	2.20
05 04 75 1205			.3		31056		21					1. L		2.20
26 04 75 1000			.3		31074		16					1. L		2.30
25 05 75 1245			.3		31092		18					1. L		1.40
14 06 75 1155			.3		31110		41					1. L		0.50
29 07 75 0930			.3		31128		31					1. L		1.00
06 09 75 1150			.3		31146		39					1.		0.70
27 09 75 1045			.3		31164		50					1. L		1.60
01 11 75 1730			.3		31182		58					1. L		1.50
06 12 75 1035			.3		31200		26					1.		3.30
MAXIMUM							58			0.65		1.	0.1	3.30
AVG OR GEOM MN (*)							31			0.65		1. D	0.1D	1.86
MINIMUM							16			0.65		1.	0.1	0.50
NO OF SAMPLES							12			1		12	1	12

CONT'D

B.O.W./ SITE: DESBARATS RIVER
SAMPLE POINT: HIGHWAY 17, VILLAGE OF DESBARATS
STATION TYPE: RIVER

STATION ID: 13-0019-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: DESBARATS RIVER

STORET CODE: 02
002
8270

STN NO 2 LAT LONG U.T.M. 17 0275100.0 5136125.0 4 REGION 05 MILEAGE 0.70

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
18 01 75 1135			.3			85.	15. L		70					
08 02 75 1200			.3			85.	25.		60					
03 03 75 1210			.3		9.	94.	14.		80	1.4	3.40	12	7	20
05 04 75 1205			.3			71.	11.		60					
26 04 75 1000			.3			59.	20.		39					
25 05 75 1245			.3			62.	23.		39					
14 06 75 1155			.3			91.	19.		72					
29 07 75 0930			.3			73.	13.		60					
06 09 75 1150			.3			74.	9.		65					
27 09 75 1045			.3			118.	14.	104						
01 11 75 1730			.3			126.	15.		114					
06 12 75 1035			.3			88.	26.		62					
MAXIMUM					9.	126.	26.	104	114	1.4	3.40	12	7	20
AVG OR GEOM MN (*)					9.	85.	17. D	104	66	1.4	3.40	12	7	20
MINIMUM					9.	59.	9.	104	39	1.4	3.40	12	7	20
NO OF SAMPLES					1	12	12	1	11	1	1	1	1	1

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	203 TOTAL ALUMINUM MG/L	265 TOTAL ARSENIC MG/L	64 CALCIUM MG/L	72 TOTAL CALCIUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	272 SIMPLE CYANIDE MG/L	215 TOTAL CADMIUM MG/L	229 TOTAL LEAD MG/L
18 01 75 1135			.3		31002			11.0						
08 02 75 1200			.3		31020			10.0						
03 03 75 1210			.3		31038	0.78	0.03	8.0		0.040L	0.05 L	0.01L	0.020L	0.03 L
05 04 75 1205			.3		31056			8.0						
26 04 75 1000			.3		31074			6.0						
25 05 75 1245			.3		31092			6.0						
14 06 75 1155			.3		31110			13.0						
29 07 75 0930			.3		31128				10.0					
06 09 75 1150			.3		31146				11.0					
27 09 75 1045			.3		31164				15.0					
01 11 75 1730			.3		31182				17.0					
06 12 75 1035			.3		31200				8.0					
MAXIMUM						0.78	0.03	13.0	17.0	0.040	0.05	0.01	0.020	0.03
AVG OR GEOM MN (*)						0.78	0.03	8.9	12.2	0.040D	0.05 D	0.01D	0.020D	0.03 D
MINIMUM						0.78	0.03	6.0	8.0	0.040	0.05	0.01	0.020	0.03
NO OF SAMPLES						1	1	7	5	1	1	1	1	1

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	65 MAG NESIUM MG/L	74 TOT. MAG NESIUM MG/L	200 MANGNESE MN MG/L	235 TOTAL MERCURY UG/L	238 TOTAL NICKEL MG/L	249 TOTAL ZINC MG/L	217 TOTAL COBALT MG/L	218 BARIUM MG/L	219 SELENIUM MG/L	361 SOLVENT EXTRBLES MG/L
18 01 75 1135			.3				0.03							
08 02 75 1200			.3				0.03							
03 03 75 1210			.3		2.0		0.04	0.010L	0.02 L	0.050L				
05 04 75 1205			.3				0.04 L							
26 04 75 1000			.3				0.02							
25 05 75 1245			.3				0.06							
14 06 75 1155			.3				0.04							
29 07 75 0930			.3				0.03							
06 09 75 1150			.3				0.04							
27 09 75 1045			.3				0.05							
01 11 75 1730			.3				0.04							
06 12 75 1035			.3				0.05							
MAXIMUM					2.0		0.06	0.010	0.02	0.050				
AVG OR GEOM MN (*)					2.0		0.04 D	0.010D	0.02 D	0.050D				
MINIMUM					2.0		0.02	0.010	0.02	0.050				
NO OF SAMPLES					1		12	1	1	1				

SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

B.O.W./ SITE: STOBY CREEK
SAMPLE POINT: AT HIGHWAY 17
STATION TYPE: RIVER

STATION ID: 13-0020-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: STOBY CREEK

STORET CODE: 02
002
8260

STN NO 1   LAT   LONG   U.T.M. 17 0277650.0 5135850.0 4   REGION 05   MILEAGE 0.80

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
18 01 75	1050			.3		31001			68.	10.	70.		0.0	12.0	0.8
08 02 75	1130			.3		31019			320.	14.	25.		0.0	11.0	1.0
03 03 75	1130			.3		31037			200.	72.	88.		0.0	8.0	0.8
05 04 75	1130			.3		31055			300.	90.	210.		0.0	13.0	0.8
26 04 75	0930			.3		31073			92.	12.	10.		4.0	12.0	1.0
25 05 75	1230			.3		31091			1400.	336.	252.		22.0	6.0	3.0
14 06 75	1130			.3		31109			4000.	1700.	464.		19.0	8.0	2.2
29 07 75	0910			.3		31127			3600.	1600.			20.0	6.0	1.8
06 09 75	1130			.3		31145			2500.	1000.	1120.		16.0	7.0	2.0
27 09 75	1025			.3		31163			900.	72.	45.		9.0	8.0	2.8
01 11 75	1750			.3		31181							6.0	10.0	5.5
06 12 75	1015			.3		31199			4000.	300.	856.		0.0	12.0	1.4
MAXIMUM									4000.	1700.	1120.		22.0	13.0	5.5
AVG OR GEOM MN (*)									706.*	132.*	132.*		8.0	9.4	1.9
MINIMUM									68.	10.	10.		0.0	6.0	0.8
NO OF SAMPLES									11	11	10		12	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
18 01 75	1050			.3		0.048	0.010	0.07	0.66	0.009	0.060	8.80	83	2.	6.5
08 02 75	1130			.3		0.054	0.043	0.22	1.10	0.015	0.260	9.40	414	84.	7.0
03 03 75	1130			.3		0.048	0.016	0.18	0.67	0.006	0.170	7.60	94	2.	7.6
05 04 75	1130			.3		0.034	0.009	0.22	1.20	0.011	0.570	5.20	285	51.	7.2
26 04 75	0930			.3		0.060	0.012	0.04	0.50	0.007	0.100	27.00	66	3.	6.7
25 05 75	1230			.3		0.120	0.022	0.08	0.80	0.015	0.040	46.00	84	2.	6.9
14 06 75	1130			.3		0.086	0.025	0.01 L	0.74	0.012	0.200	28.00	122	6.	7.6
29 07 75	0910			.3		0.210	0.079	0.01	0.90	0.015	0.390	40.00	160	7.	6.9
06 09 75	1130			.3		0.150	0.065	0.07	1.00	0.035	0.080	49.00	230	11.	7.4
27 09 75	1025			.3		0.140	0.048	0.09	1.10	0.025	0.110	53.00	165	4.	7.2
01 11 75	1750			.3		0.160	0.068	0.09	0.98	0.032	0.090	62.00	175	4.	7.1
06 12 75	1015			.3		0.096	0.023	0.10	0.84	0.015	0.280	50.00	110	3.	7.2
MAXIMUM						0.210	0.079	0.22	1.20	0.035	0.570	62.00	414	84.	7.6
AVG OR GEOM MN (*)						0.101	0.035	0.10 D	0.87	0.016	0.196	32.17	166	14.	7.1
MINIMUM						0.034	0.009	0.01	0.50	0.006	0.040	5.20	66	2.	6.5
NO OF SAMPLES						12	12	12	12	12	12	12	12	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
18 01 75	1050			.3		31001		24					2.		2.34
08 02 75	1130			.3		31019		53					2.		4.50
03 03 75	1130			.3		31037		32			1.00		1.	0.1L	2.70
05 04 75	1130			.3		31055		51					1.		4.50
26 04 75	0930			.3		31073		17					1.		2.30
25 05 75	1230			.3		31091		31					1. L		1.50
14 06 75	1130			.3		31109		45					1.		2.10
29 07 75	0910			.3		31127		63					1.		4.20
06 09 75	1130			.3		31145		102					1. L		4.00
27 09 75	1025			.3		31163		56					1. L		3.90
01 11 75	1750			.3		31181		70					1. L		3.90
06 12 75	1015			.3		31199		31					2.		3.60
MAXIMUM								102			1.00		2.	0.1	4.50
AVG OR GEOM MN (*)								48			1.00		1. D	0.1D	3.30
MINIMUM								17			1.00		1.	0.1	1.50
NO OF SAMPLES								12			1		12	1	12

CONT'D

B.O.W./ SITE: STOBY CREEK
SAMPLE POINT: AT HIGHWAY 17
STATION TYPE: RIVER

STATION ID: 13-0020-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: STOBY CREEK

STORET CODE: 02
002
8260

STN NO 1 LAT LONG U.T.M. 17 0277650.0 5135850.0 4 REGION 05 MILEAGE 0.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
18 01 75 1050			.3			70.	15. L		55					
08 02 75 1130			.3			270.	13.	257						
03 03 75 1130			.3		10.	115.	15.		100	1.8	3.20	16	9	20
05 04 75 1130			.3			197.	12.		185					
26 04 75 0930			.3			91.	48.		43					
25 05 75 1230			.3			129.	74.		55					
14 06 75 1130			.3			80.	42.		38					
29 07 75 0910			.3			152.	48.		104					
06 09 75 1130			.3			261.	55.		206					
27 09 75 1025			.3			151.	44.	107						
01 11 75 1750			.3			159.	45.		114					
06 12 75 1015			.3			104.	32.		72					
MAXIMUM					10.	270.	74.	257	206	1.8	3.20	16	9	20
AVG OR GEOM MN (*)					10.	148.	36. D	182	97	1.8	3.20	16	9	20
MINIMUM					10.	70.	12.	107	38	1.8	3.20	16	9	20
NO OF SAMPLES					1	12	12	2	10	1	1	1	1	1

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	203 TOTAL ALUMINUM MG/L	265 TOTAL ARSENIC MG/L	64 CALCIUM MG/L	72 TOTAL CALCIUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	272 SIMPLE CYANIDE MG/L	215 TOTAL CADMIUM MG/L	229 TOTAL LEAD MG/L
18 01 75 1050			.3		31001			8.0						
08 02 75 1130			.3		31019			19.0						
03 03 75 1130			.3		31037	0.79	0.01 L	10.0		0.040L	0.05 L	0.01L	0.020L	0.03 L
05 04 75 1130			.3		31055			20.0						
26 04 75 0930			.3		31073			6.0						
25 05 75 1230			.3		31091			10.0						
14 06 75 1130			.3		31109			14.0						
29 07 75 0910			.3		31127				18.0					
06 09 75 1130			.3		31145				28.0					
27 09 75 1025			.3		31163				18.0					
01 11 75 1750			.3		31181				22.0					
06 12 75 1015			.3		31199				10.0					
MAXIMUM						0.79	0.01	20.0	28.0	0.040	0.05	0.01	0.020	0.03
AVG OR GEOM MN (*)						0.79	0.01 D	12.4	19.2	0.040D	0.05 D	0.01D	0.020D	0.03 D
MINIMUM						0.79	0.01	6.0	10.0	0.040	0.05	0.01	0.020	0.03
NO OF SAMPLES						1	1	7	5	1	1	1	1	1

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	65 MAG NESIUM MG/L	74 TOT. MAG NESIUM MG/L	200 MANGNESE MN MG/L	235 TOTAL MERCURY UG/L	238 TOTAL NICKEL MG/L	249 TOTAL ZINC MG/L	217 TOTAL COBALT MG/L	218 BARIUM MG/L	219 SELENIUM MG/L	361 SOLVENT EXTRBLES MG/L
18 01 75 1050			.3				0.08							
08 02 75 1130			.3				0.09							
03 03 75 1130			.3		3.0		0.04 L	0.010L	0.02 L	0.050L				
05 04 75 1130			.3				0.10							
26 04 75 0930			.3				0.05							
25 05 75 1230			.3				0.09							
14 06 75 1130			.3				0.08							
29 07 75 0910			.3				0.08							
06 09 75 1130			.3				0.10							
27 09 75 1025			.3				0.09							
01 11 75 1750			.3				0.11							
06 12 75 1015			.3				0.05							
MAXIMUM					3.0		0.11	0.010	0.02	0.050				
AVG OR GEOM MN (*)					3.0		0.08 D	0.010D	0.02 D	0.050D				
MINIMUM					3.0		0.04	0.010	0.02	0.050				
NO OF SAMPLES					1		12	1	1	1				

SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: THESSALON RIVER
SAMPLE POINT: HIGHWAY 17, VILLAGE OF THESSALON
STATION TYPE: RIVER

STATION ID: 14-0003-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: THESSALON RIVER

STORET CODE: 02
002
8210

STN NO 2 LAT LONG U.T.M. 17 0302750.0 5125550.0 4 REGION 05 MILEAGE 0.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
18 01 75 1010			.3		31000			8000. G	3800.	465.		0.0	11.0	1.0
08 02 75 1030			.3		31018			8000. G	3700.	220.		0.0	12.0	0.6
03 03 75 1000			.3		31036			1800.	448.	74.		0.0	11.0	0.4
05 04 75 1020			.3		31054			1800.	200.	82.		0.0	12.0	1.6
26 04 75 0910			.3		31072			5200.	400.	40.		3.0	11.0	1.0
25 05 75 1100			.3		31090			24600.	720.	512.		21.0	9.0	1.0
14 06 75 1050			.3		31108			8000. G	3800.	166.		20.0	8.0	0.8
29 07 75 0815			.3		31126			8000. G	5200.			20.0	8.0	0.2
06 09 75 1030			.3		31144			8000.	3100.	1624.		18.0	9.0	1.6
27 09 75 1000			.3		31162			8000.	8000.	75.		10.0	9.0	0.2
01 11 75 1815			.3		31180							5.0	11.0	1.0
06 12 75 0930			.3		31198			8000.	4300.	222.		0.0	12.0	0.8
MAXIMUM								24600.	8000.	1624.		21.0	12.0	1.6
AVG OR GEOM MN (*)								6496.* U	1828.*	189.*		8.1	10.3	0.9
MINIMUM								1800.	200.	40.		0.0	8.0	0.2
NO OF SAMPLES								11	11	10		12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
18 01 75 1010			.3		0.290	0.130	0.01 L	0.48	0.004	0.160	2.90	78	2.	6.6
08 02 75 1030			.3		0.120	0.050	0.02	0.28	0.003	0.250	2.30	82	1.	7.0
03 03 75 1000			.3		0.091	0.027	0.01	0.36	0.003	0.290	2.20	98	7.	7.3
05 04 75 1020			.3		0.028	0.005	0.21	1.30	0.003	0.250	4.00	95	2.	7.1
26 04 75 0910			.3		0.042	0.005	0.02	0.26	0.005	0.280	7.60	76	1.	6.8
25 05 75 1100			.3		0.040	0.010	0.07	0.91	0.004	0.100	9.50	62	1.	6.9
14 06 75 1050			.3		0.029	0.011	0.04	0.30	0.018	0.080	6.50	86	1.	7.9
29 07 75 0815			.3		0.080	0.013	0.01 L	0.40	0.006	0.250	6.00	96	1.	7.1
06 09 75 1030			.3		0.062	0.034	0.11	0.64	0.008	0.020	3.50	110	3.	7.4
27 09 75 1000			.3		0.020	0.005	0.01	0.40	0.003	0.020	3.90	90	1.	7.3
01 11 75 1815			.3		0.095	0.084	0.02	0.35	0.005	0.030	4.60	90	1.	6.8
06 12 75 0930			.3		0.032	0.008	0.02	0.34	0.004	0.100	5.70	83	1.	7.6
MAXIMUM					0.290	0.130	0.21	1.30	0.018	0.290	9.50	110	7.	7.9
AVG OR GEOM MN (*)					0.077	0.032	0.05 D	0.50	0.006	0.153	4.89	87	1.	7.2
MINIMUM					0.020	0.005	0.01	0.26	0.003	0.020	2.20	62	1.	6.6
OF SAMPLES					12	12	12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
18 01 75 1010			.3		31000		24					1.		3.04
08 02 75 1030			.3		31018		24					1.		3.00
03 03 75 1000			.3		31036		28			0.40		2.	0.1L	2.50
05 04 75 1020			.3		31054		32					1.		3.80
26 04 75 0910			.3		31072		20					1.		2.70
25 05 75 1100			.3		31090		24					1. L		2.50
14 06 75 1050			.3		31108		34					4.		2.30
29 07 75 0815			.3		31126		33					1.		2.80
06 09 75 1030			.3		31144		41					1. L		3.40
27 09 75 1000			.3		31162		31					1.		2.70
01 11 75 1815			.3		31180		32					1. L		2.80
06 12 75 0930			.3		31198		24					1.		2.60
MAXIMUM							41			0.40		4.	0.1	3.80
AVG OR GEOM MN (*)							29			0.40		1. D	0.10	2.85
MINIMUM							20			0.40		1.	0.1	2.30
NO OF SAMPLES							12			1		12	1	12

CONT'D

B.O.W./ SITE: THESSALON RIVER
SAMPLE POINT: HIGHWAY 17, VILLAGE OF THESSALON
STATION TYPE: RIVER

STATION ID: 14-0003-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: THESSALON RIVER

STORET CODE: 02
002
8210

STN NO 2 LAT LONG U.T.M. 17 0302750.0 5125550.0 4 REGION 05 MILEAGE 0.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
18 01 75 1010			.3			65.	15. L		50					
08 02 75 1030			.3			55.	5.		50					
03 03 75 1000			.3		10.	93.	13.		80	1.1	4.80	11	5	20
05 04 75 1020			.3			66.	4.		62					
26 04 75 0910			.3			120.	71.		149					
25 05 75 1100			.3			65.	13.		52					
14 06 75 1050			.3			67.	12.		55					
29 07 75 0815			.3			80.	18.		62					
06 09 75 1030			.3			180.	7.		173					
27 09 75 1000			.3			67.	8.		59					
01 11 75 1815			.3			64.	5.		59					
06 12 75 0930			.3			70.	15.		55					
MAXIMUM					10.	180.	71.		173	1.1	4.80	11	5	20
AVG OR GEOM MN (*)					10.	82.	15. D		76	1.1	4.80	11	5	20
MINIMUM					10.	55.	4.		50	1.1	4.80	11	5	20
NO OF SAMPLES					1	12	12		12	1	1	1	1	1

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	203 TOTAL ALUMINUM MG/L	265 TOTAL ARSENIC MG/L	64 CALCIUM MG/L	72 TOTAL CALCIUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	272 SIMPLE CYANIDE MG/L	215 TOTAL CADMIUM MG/L	229 TOTAL LEAD MG/L
18 01 75 1010			.3		31000			9.0						
08 02 75 1030			.3		31018			9.0						
03 03 75 1000			.3		31036	0.24	0.01	10.0		0.040L	0.05 L	0.01L	0.020L	0.03 L
05 04 75 1020			.3		31054			11.0						
26 04 75 0910			.3		31072			8.0						
25 05 75 1100			.3		31090			12.0						
14 06 75 1050			.3		31108			11.0						
29 07 75 0815			.3		31126				11.0					
06 09 75 1030			.3		31144				13.0					
27 09 75 1000			.3		31162				10.0					
01 11 75 1815			.3		31180				10.0					
06 12 75 0930			.3		31198				8.0					
MAXIMUM						0.24	0.01	12.0	13.0	0.040	0.05	0.01	0.020	0.03
AVG OR GEOM MN (*)						0.24	0.01	10.0	10.4	0.040D	0.05 D	0.01D	0.020D	0.03 D
MINIMUM						0.24	0.01	8.0	8.0	0.040	0.05	0.01	0.020	0.03
NO OF SAMPLES						1	1	7	5	1	1	1	1	1

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	65 MAG NESIUM MG/L	74 TOT. MAG NESIUM MG/L	200 MANGNESE MN MG/L	235 TOTAL MERCURY UG/L	238 TOTAL NICKEL MG/L	249 TOTAL ZINC MG/L	217 TOTAL COBALT MG/L	218 BARIUM MG/L	219 SELENIUM MG/L	361 SOLVENT EXTRBLES MG/L
18 01 75 1010			.3				0.02 L							
08 02 75 1030			.3				0.02							
03 03 75 1000			.3		2.0		0.04 L	0.010L	0.02 L	0.050L				
05 04 75 1020			.3				0.04 L							
26 04 75 0910			.3				0.27							
25 05 75 1100			.3				0.01							
14 06 75 1050			.3				0.03							
29 07 75 0815			.3				0.02							
06 09 75 1030			.3				0.03							
27 09 75 1000			.3				0.02							
01 11 75 1815			.3											
06 12 75 0930			.3				0.02							
MAXIMUM					2.0		0.27	0.010	0.02	0.050				
AVG OR GEOM MN (*)					2.0		0.05 D	0.010D	0.02 D	0.050D				
MINIMUM					2.0		0.01	0.010	0.02	0.050				
NO OF SAMPLES					1		11	1	1	1				

SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: MISSISSAGI RIVER
SAMPLE POINT: AT CPR BRIDGE (MISSISSAUGA)
STATION TYPE: RIVER

STATION ID: 14-0012-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: MISSISSAGI RIVER

STORET CODE: 02
002
8110

STN NO 1 LAT LONG U.T.M. 17 0343360.0 5017525.0 4 REGION 05 MILEAGE 2.40

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
06 01 75	1045			.3		28003		2840.	10. L	1.	1.		0.0	12.5	0.2
27 01 75	1105			.3		28030	4	5060.	72.	8.	1.		0.0	12.5	0.8
17 02 75	1120			.3		28052	4	2530.	12.	4.	1.		0.0	12.0	2.2
09 03 75	1045			.3		28072	4	2940.	4.	1.	1.		0.0	13.5	0.4
31 03 75	1130			.3		28098	4	1740.	1.	1.	1.		0.0	12.0	0.2
21 04 75	0945			.3		28120	9 3	7330.	4.	1.	1.		0.5	13.0	0.7
12 05 75	0845			.3		28139	3	11600.	4.	1.	1.		7.0	12.0	1.0
01 06 75	1030			.3		28163	3	6940.	100.	12.	4.		14.5	8.0	1.0
22 06 75	1130			.3		28191	3	10200.					19.0	8.5	1.0
14 07 75	1120			.3		28204		2040.	324.	12.	4.		21.5	8.0	0.6
05 08 75	0850			.3		28231		1710.	1510.	256.	16.		22.0	8.0	1.0
25 08 75	1105			.3		28252		1370.	412.	68.	104.		21.0	7.0	0.6
15 09 75	0920			.3		28265		1340.	56.	8.	4.		14.5	7.0	0.4
06 10 75	1055			.3		28290		1300.	60.	20.	1.		13.0	9.0	0.8
26 10 75	1000			.3		28314		1330.	300.	12.	1.		9.5	10.0	0.2
16 11 75	1525			.3		28331		1880.	40.	8.	1.		7.0	11.0	0.6
01 12 75	1045			.3		28355		3660.							1.2
22 12 75	1230			.3		28377	4	1630.					0.0	9.0	1.0
MAXIMUM								11600.	1510.	256.	104.		22.0	13.5	2.2
AVG OR GEOM MN (*)								3747.	38.* D	6.*	2.*		8.8	10.2	0.8
MINIMUM								1300.	1.	1.	1.		0.0	7.0	0.2
NO OF SAMPLES								18	15	15	15		17	17	18

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
06 01 75	1045			.3		0.011	0.005	0.02	0.25	0.003	0.060	1.10	87	1.	7.6
27 01 75	1105			.3		0.036	0.004	0.01	0.26	0.003	0.120	3.20	65	1.	7.3
17 02 75	1120			.3		0.034	0.033	0.02	0.27	0.002	0.110	6.00	73	1.	7.0
09 03 75	1045			.3		0.005	0.002	0.01	0.21	0.003	0.130	1.10	57	1.	7.0
31 03 75	1130			.3		0.001	0.001	0.01	0.20	0.002	0.100	1.50	85	1.	8.0
21 04 75	0945			.3		0.022	0.003	0.02	0.28	0.003	0.210	22.00	64	1.	7.4
12 05 75	0845			.3		0.039	0.002	0.01 L	0.54	0.004	0.030	3.40	54	1.	7.0
01 06 75	1030			.3		0.007	0.003	0.01	0.16	0.003	0.050	2.60	80	1.	7.5
22 06 75	1130			.3		0.100	0.003	0.01	0.26	0.003	0.090	3.10	57	1.	7.0
14 07 75	1120			.3		0.010	0.005	0.01	0.26	0.001	0.030	0.90	120	1.	7.4
05 08 75	0850			.3		0.007	0.001	0.01	0.21	0.004	0.080	2.20	62	1.	7.4
25 08 75	1105			.3		0.008	0.001	0.02	0.27	0.003	0.080	1.50	66	0.	7.4
15 09 75	0920			.3		0.160	0.150	0.01	0.21	0.003	0.090	1.00	70	1.	7.7
06 10 75	1055			.3		0.014	0.001	0.01	0.19	0.003	0.040	2.60	85	1.	7.7
26 10 75	1000			.3		0.034	0.001	0.01	0.26	0.002	0.060	2.10	68	8.	7.3
16 11 75	1525			.3		0.006	0.002	0.02	0.21	0.003	0.070	5.00	110	0.	7.7
01 12 75	1045			.3		0.011	0.001	0.01	0.20	0.005	0.060	2.50	60	1.	7.1
22 12 75	1230			.3		0.052	0.015	0.01 L	0.42	0.004	0.160	2.00	83	1.	6.4
MAXIMUM						0.160	0.150	0.02	0.54	0.005	0.210	22.00	120	8.	8.0
AVG OR GEOM MN (*)						0.031	0.013	0.01 D	0.26	0.003	0.087	3.54	75	1.	7.3
MINIMUM						0.001	0.001	0.01	0.16	0.001	0.030	0.90	54	0.	6.4
NO OF SAMPLES						18	18	18	18	18	18	18	18	18	18

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
06 01 75	1045			.3		28003		22					1. L		1.73
27 01 75	1105			.3		28030		25					1. L		2.01
17 02 75	1120			.3		28052		18					1. L		2.20
09 03 75	1045			.3		28072		17					1. L		1.90
31 03 75	1130			.3		28098		20					1. L		2.50
21 04 75	0945			.3		28120		20					1. L		2.50
12 05 75	0845			.3		28139		15							2.20
01 06 75	1030			.3		28163		17					1. L		2.80
22 06 75	1130			.3		28191		17					1. L		2.30
14 07 75	1120			.3		28204		21					9.		2.20
05 08 75	0850			.3		28231		19					1. L		2.60
25 08 75	1105			.3		28252		22					2.		2.90
15 09 75	0920			.3		28265		23					1. L		5.00
06 10 75	1055			.3		28290		21					1. L		2.40
26 10 75	1000			.3		28314		24					1. L		2.40
16 11 75	1525			.3		28331		23					1. L		2.60
01 12 75	1045			.3		28355		20					0.1L		2.05
22 12 75	1230			.3		28377		21					0.1L		2.00
MAXIMUM								25					9.		5.00
AVG OR GEOM MN (*)								20					1.4D		2.46
MINIMUM								15					0.1		1.73
NO OF SAMPLES								18					17		18

CONT'D

B.O.W./ SITE: MISSISSAGI RIVER
SAMPLE POINT: AT CPR BRIDGE (MISSISSAUGA)
STATION TYPE: RIVER

STATION ID: 14-0012-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: MISSISSAGI RIVER

STORET CODE: 02
002
8110

STN NO 1 LAT LONG U.T.M. 17 0343360.0 5017525.0 4 REGION 05 MILEAGE 2.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
06 01 75 1045			.3			75.	15. L		60					
27 01 75 1105			.3			55.	15. L		40					
17 02 75 1120			.3			50.	5.	45						
09 03 75 1045			.3			50.	1.	49						
31 03 75 1130			.3			61.	6.		55					
21 04 75 0945			.3			65.	23.		42					
12 05 75 0845			.3			51.	16.		35					
01 06 75 1030			.3			63.	7.		56					
22 06 75 1130			.3			47.	8.		39					
14 07 75 1120			.3			80.	2.		78					
05 08 75 0850			.3			46.	6.		40					
25 08 75 1105			.3			45.	3.		42					
15 09 75 0920			.3			48.	2.		48					
06 10 75 1055			.3			65.	10.		55					
26 10 75 1000			.3			48.	3.		45					
16 11 75 1525			.3			75.	3.		72					
01 12 75 1045			.3			44.	5.		39					
22 12 75 1230			.3			61.	6.		55					
MAXIMUM						80.	23.	49	78					
AVG OR GEOM MN (*)						57.	7. D	47	50					
MINIMUM						44.	1.	45	35					
NO OF SAMPLES						18	18	2	16					

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	203 TOTAL ALUMINUM MG/L	265 TOTAL ARSENIC MG/L	64 CALCIUM MG/L	72 TOTAL CALCIUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	272 SIMPLE CYANIDE MG/L	215 TOTAL CADMIUM MG/L	229 TOTAL LEAD MG/L
06 01 75 1045			.3		28003			9.0						
27 01 75 1105			.3		28030			8.0						
17 02 75 1120			.3		28052			8.0						
09 03 75 1045			.3		28072			7.0						
31 03 75 1130			.3		28098			8.0						
21 04 75 0945			.3		28120			8.0						
12 05 75 0845			.3		28139			7.0						
01 06 75 1030			.3		28163			8.0						
22 06 75 1130			.3		28191			8.0						
14 07 75 1120			.3		28204			10.0						
05 08 75 0850			.3		28231				79.0					
25 08 75 1105			.3		28252				8.2					
15 09 75 0920			.3		28265				8.3					
06 10 75 1055			.3		28290				8.0					
26 10 75 1000			.3		28314				8.0					
16 11 75 1525			.3		28331				8.2					
01 12 75 1045			.3		28355				5.0					
22 12 75 1230			.3		28377				7.0					
MAXIMUM								10.0	79.0					
AVG OR GEOM MN (*)								8.1	16.5					
MINIMUM								7.0	5.0					
NO OF SAMPLES								10	8					

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	65 MAG NESIUM MG/L	74 TOT. MAG NESIUM MG/L	200 MANGNESE MN MG/L	235 TOTAL MERCURY UG/L	238 TOTAL NICKEL MG/L	249 TOTAL ZINC MG/L	217 TOTAL COBALT MG/L	218 BARIUM MG/L	219 SELENIUM MG/L	361 SOLVENT EXTRBLES MG/L
06 01 75 1045			.3				0.01							
27 01 75 1105			.3				0.04							
17 02 75 1120			.3				0.02							
09 03 75 1045			.3				0.04							
31 03 75 1130			.3				0.04 L							
21 04 75 0945			.3				0.04 L							
12 05 75 0845			.3				0.04 L							
01 06 75 1030			.3				0.11							
22 06 75 1130			.3				0.04 L							
14 07 75 1120			.3				0.02							
05 08 75 0850			.3				0.04 L							
25 08 75 1105			.3				0.01							
15 09 75 0920			.3				0.04 L							
06 10 75 1055			.3				0.02							
26 10 75 1000			.3				0.04 L							
16 11 75 1525			.3				0.04 L							
01 12 75 1045			.3				0.02							
22 12 75 1230			.3				0.02							
MAXIMUM							0.11							
AVG OR GEOM MN (*)							0.04 D							
MINIMUM							0.01							
NO OF SAMPLES							18							

SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: MISSISSAGI RIVER STATION ID: 14-0012-002-02
SAMPLE POINT: AT OLD HIGHWAY 17, VILLAGE OF IRON BRIDGE
STATION TYPE: RIVER
MAJOR BASIN: GREAT LAKES STORET CODE: 02
MINOR BASIN: LAKE HURON 002
TERM STREAM: MISSISSAGI RIVER 8110

STN NO 2 LAT LONG U.T.M. 17 0328600.0 5127200.0 4 REGION 05 MILEAGE 14.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
06 01 75 1015			.3		28000			20.	1.	1.		0.0	6.5	0.4
27 01 75 1035			.3		28027			8.	4.	4.		0.0	12.5	0.8
17 02 75 1030			.3		28049			1.	1.	4.		0.0	13.0	1.4
09 03 75 1000			.3		28071			16.	1.	1.		0.0	3.5	0.6
31 03 75 1045			.3		28095	4		12.	1.	1.		0.0	13.0	1.3
21 04 75 0915			.3		28117	9 3		1.	1.	1.		0.5	9.0	0.4
12 05 75 0815			.3		28136	3		16.	1.	4.		7.0	12.0	0.6
01 06 75 1015			.3		28160	3		24.	4.	1.		15.0	8.5	1.2
22 06 75 1100			.3		28188	3		36.	1.	20.		19.0	8.5	0.6
14 07 75 1050			.3		28201			188.	32.	12.		21.0	8.0	1.4
05 08 75 0815			.3		28225			220.	132.	56.		21.5	8.0	1.6
25 08 75 1030			.3		28249			1900.	1100.	600. G		20.0	8.0	0.8
15 09 75 0855			.3		28262			700.	100. L	100. L		14.0	8.0	0.6
06 10 75 1025			.3		28287			10.	10. L	20.		13.0	8.5	0.4
26 10 75 1030			.3		28311			210.	116.	64.		10.0	9.0	0.2
16 11 75 1455			.3		28328			116.	8.	4.		7.5	9.0	1.0
01 12 75 1015			.3		28352							2.0	12.0	0.4
22 12 75 1125			.3		28374	4						0.0	13.0	0.6
MAXIMUM								1900.	1100.	600.		21.5	13.0	1.6
AVG OR GEOM MN (*)								35.*	7.* D	8.* E		8.4	9.4	0.8
MINIMUM								1.	1.	1.		0.0	3.5	0.2
NO OF SAMPLES								16	16	16		18	18	18

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
06 01 75 1015			.3		0.013	0.002	0.02	0.26	0.003	0.090	0.90	93	3.	
27 01 75 1035			.3		0.010	0.003	0.02	0.27	0.004	0.120	3.00	64	2.	
17 02 75 1030			.3		0.008	0.003	0.02	0.26	0.003	0.120	5.10	70	1.	
09 03 75 1000			.3		0.006	0.002	0.01	0.27	0.002	0.120	1.20	58	1.	
31 03 75 1045			.3		0.010	0.003	0.01	0.32	0.004	0.130	2.20	88	1.	
21 04 75 0915			.3		0.014	0.003	0.02	0.26	0.002	0.180	4.00	116	1.	
12 05 75 0815			.3		0.022	0.009	0.01	0.24	0.003	0.030	2.10	50	1.	
01 06 75 1015			.3		0.006	0.003	0.01	0.23	0.004	0.060	0.95	54	1.	
22 06 75 1100			.3		0.012	0.001	0.03	0.32	0.003	0.090	2.00	55	1.	
14 07 75 1050			.3		0.006	0.001	0.03	0.33	0.002	0.040	0.90	72	2.	
05 08 75 0815			.3		0.003	0.001	0.01	0.18	0.004	0.090	1.00	74		
25 08 75 1030			.3		0.012	0.001	0.03	0.24	0.003	0.110	1.90	74	3.	
15 09 75 0855			.3		0.009	0.009	0.01	0.28	0.003	0.160	0.80	110	9.	
06 10 75 1025			.3		0.007	0.001	0.02	0.20	0.003	0.050	1.20	100	1.	
26 10 75 1030			.3		0.082	0.001	0.01	0.26	0.003	0.080	1.90	79	2.	
16 11 75 1455			.3		0.010	0.002	0.01 L	0.22	0.004	0.060	1.90	110	2.	
01 12 75 1015			.3		0.010	0.001	0.01	0.20	0.007	0.070	1.80	60	1.	
22 12 75 1125			.3		0.006	0.002	0.02	0.24	0.003	0.070	1.10	68	2.	
MAXIMUM					0.082	0.009	0.03	0.33	0.007	0.180	5.10	116	9.	
AVG OR GEOM MN (*)					0.014	0.003	0.02 D	0.25	0.003	0.093	1.89	78	2.	
MINIMUM					0.003	0.001	0.01	0.18	0.002	0.030	0.80	50	1.	
NO OF SAMPLES					18	18	18	18	18	18	18	18	17	

SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

B.O.W./ SITE: BLIND RIVER
SAMPLE POINT: AT HIGHWAY 17 BRIDGE BLIND RIVER
STATION TYPE: RIVER

STATION ID: 14-0014-003-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: BLIND RIVER

STORET CODE: 02
002
8090

STN NO   3   LAT   LONG   U.T.M. 17 0349020.0 5016350.0 4   REGION 05   MILEAGE   0.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
06 01 75 1115			.3		28004			20.	1.	1.		0.0	6.0	0.4
27 01 75 1130			.3		28031			12.	4.	1.		0.0	8.0	0.6
17 02 75 1145			.3		28053			16.	1.	1.		0.0	11.0	1.4
09 03 75 1210			.3		28074			8.	1.	1.		0.0	4.5	0.6
31 03 75 1200			.3		28099			4.	1.	1.		0.0	11.0	0.8
21 04 75 1015			.3		28121	9 3		1.	1.	1.		1.0	8.0	1.4
12 05 75 0915			.3		28140	3		12.	1.	1.		8.0	10.0	0.6
01 06 75 1100			.3		28164			336.	4.	12.		16.5	9.0	2.0
22 06 75 1150			.3		28192	3						22.0	8.5	2.8
14 07 75 1140			.3		28205			3000.	100. L	10. L		22.0	9.0	1.8
05 08 75 0910			.3		28232			50.	30.	10. L		23.0	7.5	1.8
25 08 75 1130			.3		28253			6500.	1250.	10. L		20.5	9.0	1.2
15 09 75 0940			.3		28266			300.	100. L	40.		12.5	6.5	1.0
06 10 75 1120			.3		28291			30.	10.	10. L		12.0	10.0	1.2
26 10 75 0940			.3		28313			370.	36.	1.		9.0	7.5	1.2
16 11 75 1545			.3		28332			32.	1.	1.		4.0	7.5	1.2
01 12 75 1115			.3		28356							0.0	11.0	1.2
22 12 75 1300			.3		28378							0.0	9.0	0.8
MAXIMUM								6500.	1250.	40.		23.0	11.0	2.8
AVG OR GEOM MN (*)								52.*	7.* D	3.* D		8.4	8.5	1.2
MINIMUM								1.	1.	1.		0.0	4.5	0.4
NO OF SAMPLES								15	15	15		18	18	18

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
06 01 75 1115			.3		0.034	0.028	0.03	0.20	0.002	0.080	1.30	49	1.	7.4
27 01 75 1130			.3		0.013	0.003	0.04	0.28	0.002	0.120	3.60	54	2.	7.1
17 02 75 1145			.3		0.430	0.290	0.04	0.32	0.003	0.120	6.70	65	1.	7.0
09 03 75 1210			.3		0.052	0.037	0.05	0.33	0.003	0.120	2.40	66	1.	7.0
31 03 75 1200			.3		0.013	0.005	0.02	0.37	0.002	0.180	2.40	49	1.	7.0
21 04 75 1015			.3		0.018	0.002	0.04	0.34	0.006	0.240	2.40	48	1.	7.1
12 05 75 0915			.3		0.011	0.001L	0.01 L	0.33	0.001	0.020	1.50	42	1.	7.0
01 06 75 1100			.3		0.030	0.002	0.03	0.52	0.004	0.010L	2.20	50	1.	7.3
22 06 75 1150			.3		0.052	0.010	0.03	0.82	0.004	0.020	2.00	48	1.	6.9
14 07 75 1140			.3		0.036	0.005	0.05	0.55	0.001	0.010L	1.80	60	1.	7.0
05 08 75 0910			.3		0.017	0.001	0.05	0.51	0.002	0.020	1.50	52	1.	7.4
25 08 75 1130			.3		0.013	0.001	0.01 L	0.40	0.002	0.010	1.20	53	1.	7.4
15 09 75 0940			.3		0.018	0.004	0.01	0.37	0.002	0.030	1.50	65	1.	7.6
06 10 75 1120			.3		0.030	0.018	0.01	0.29	0.002	0.010L	2.00	80	1.	7.5
26 10 75 0940			.3			0.004	0.04	0.46	0.002	0.030	3.30	82	2.	7.2
16 11 75 1545			.3		0.022	0.002	0.02	0.49	0.004	0.050	4.80	90	2.	7.5
01 12 75 1115			.3		0.017	0.001	0.01 L	0.29	0.006	0.050	3.00	50	1.	6.7
22 12 75 1300			.3		0.018	0.002	0.01 L	0.34	0.003	0.070	2.80	46	1.	6.5
MAXIMUM					0.430	0.290	0.05	0.82	0.006	0.240	6.70	90	2.	7.6
AVG OR GEOM MN (*)					0.048	0.023D	0.03 D	0.40	0.003	0.066D	2.58	58	1.	7.1
MINIMUM					0.011	0.001	0.01	0.20	0.001	0.010	1.20	42	1.	6.5
NO OF SAMPLES					17	18	18	18	18	18	18	18	18	18

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
06 01 75 1115			.3		28004		10					1. L		1.07
27 01 75 1130			.3		28031		10					1. L		1.49
17 02 75 1145			.3		28053		19					1. L		2.20
09 03 75 1210			.3		28074		25					1. L		2.20
31 03 75 1200			.3		28099		11					1. L		1.60
21 04 75 1015			.3		28121		10					6.		1.80
12 05 75 0915			.3		28140		10							1.10
01 06 75 1100			.3		28164		15					1. L		1.30
22 06 75 1150			.3		28192		12					3.		1.60
14 07 75 1140			.3		28205		11					4.		1.10
05 08 75 0910			.3		28232		12					1. L		1.70
25 08 75 1130			.3		28253		14					1. L		1.70
15 09 75 0940			.3		28266		19					1. L		2.70
06 10 75 1120			.3		28291		22					1. L		2.00
26 10 75 0940			.3		28313		25					1. L		2.30
16 11 75 1545			.3		28332		27					1. L		3.20
01 12 75 1115			.3		28356		10					0.1L		1.55
22 12 75 1300			.3		28378		10					0.1L		1.30
MAXIMUM							27					6.		3.20
AVG OR GEOM MN (*)							15					1.5D		1.77
MINIMUM							10					0.1		1.07
NO OF SAMPLES							18					17		18

CONT'D

B.O.W./ SITE: BLIND RIVER
SAMPLE POINT: AT HIGHWAY 17 BRIDGE BLIND RIVER
STATION TYPE: RIVER

STATION ID: 14-0014-003-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: BLIND RIVER

STORET CODE: 02
002
8090

STN NO 3 LAT LONG U.T.M. 17 0349020.0 5016350.0 4 REGION 05 MILEAGE 0.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
06 01 75 1115			.3			50.	15. L		35					
27 01 75 1130			.3			50.	15. L		35					
17 02 75 1145			.3			50.	4.	46						
09 03 75 1210			.3			55.	3.	52						
31 03 75 1200			.3			36.	5.		31					
21 04 75 1015			.3			36.	5.		31					
12 05 75 0915			.3			31.	4.		27					
01 06 75 1100			.3			37.	4.		33					
22 06 75 1150			.3			39.	6.		33					
14 07 75 1140			.3			43.	4.		39					
05 08 75 0910			.3			38.	4.		34					
25 08 75 1130			.3			38.	3.		35					
15 09 75 0940			.3			46.	4.		42					
06 10 75 1120			.3			56.	4.		52					
26 10 75 0940			.3			61.	8.		53					
16 11 75 1545			.3			66.	7.		59					
01 12 75 1115			.3			41.	8.		33					
22 12 75 1300			.3			33.	4.		29					
MAXIMUM						66.	15.	52	59					
AVG OR GEOM MN (*)						44.	5. D	49	38					
MINIMUM						31.	3.	46	27					
NO OF SAMPLES						18	18	2	16					

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	203 TOTAL ALUMINUM MG/L	265 TOTAL ARSENIC MG/L	64 CALCIUM MG/L	72 TOTAL CALCIUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	272 SIMPLE CYANIDE MG/L	215 TOTAL CADMIUM MG/L	229 TOTAL LEAD MG/L
06 01 75 1115			.3		28004			5.0						
27 01 75 1130			.3		28031			5.0						
17 02 75 1145			.3		28053			7.0						
09 03 75 1210			.3		28074			8.0						
31 03 75 1200			.3		28099			6.0						
21 04 75 1015			.3		28121			5.0						
12 05 75 0915			.3		28140			5.0						
01 06 75 1100			.3		28164			6.0						
22 06 75 1150			.3		28192			6.0						
14 07 75 1140			.3		28205			6.0						
05 08 75 0910			.3		28232				5.9					
25 08 75 1130			.3		28253				6.0					
15 09 75 0940			.3		28266				7.0					
06 10 75 1120			.3		28291				8.0					
26 10 75 0940			.3		28313				9.0					
16 11 75 1545			.3		28332				10.9					
01 12 75 1115			.3		28356				4.0					
22 12 75 1300			.3		28378				4.0					
MAXIMUM								8.0	10.9					
AVG OR GEOM MN (*)								5.9	6.9					
MINIMUM								5.0	4.0					
NO OF SAMPLES								10	8					

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	65 MAG NESIUM MG/L	74 TOT. MAG NESIUM MG/L	200 MANGNESE MN MG/L	235 TOTAL MERCURY UG/L	238 TOTAL NICKEL MG/L	249 TOTAL ZINC MG/L	217 TOTAL COBALT MG/L	218 BARIUM MG/L	219 SELENIUM MG/L	361 SOLVENT EXTRBLES MG/L
06 01 75 1115			.3				0.03							
27 01 75 1130			.3				0.04							
17 02 75 1145			.3				0.04							
09 03 75 1210			.3				0.06							
31 03 75 1200			.3				0.04 L							
21 04 75 1015			.3				0.04							
12 05 75 0915			.3				0.04 L							
01 06 75 1100			.3				0.02							
22 06 75 1150			.3				0.04 L							
14 07 75 1140			.3				0.04							
05 08 75 0910			.3				0.04							
25 08 75 1130			.3				0.04							
15 09 75 0940			.3				0.04 L							
06 10 75 1120			.3				0.04							
26 10 75 0940			.3				0.05							
16 11 75 1545			.3				0.05							
01 12 75 1115			.3				0.04							
22 12 75 1300			.3				0.03							
MAXIMUM							0.06							
AVG OR GEOM MN (*)							0.04 D							
MINIMUM							0.02							
NO OF SAMPLES							18							

SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

B.O.W./ SITE: LAUZON RIVER
SAMPLE POINT: HIGHWAY 17, TOWN OF ALGOMA
STATION TYPE: RIVER

STATION ID: 14-0016-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: LAUZON RIVER

STORET CODE: 02
002
8070

STN NO 1   LAT   LONG   U.T.M. 17 0360200.0 5115950.0 4   REGION 05   MILEAGE 0.50

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
06 01 75	1200			.3		28005			10. L	1.	1.		0.0	13.0	0.6
27 01 75	1230			.3		28032			1.	1.	1.		0.0	9.0	0.2
17 02 75	1240			.3		28054			1.	1.	1.		0.0	12.0	1.4
08 03 75	1100			.3		28070			1.	1.	1.		0.0	13.0	0.4
31 03 75	1240			.3		28100			1.	1.	4.		0.0	10.0	0.6
21 04 75	1100			.3		28122	3		1.	1.	1.		1.5	10.5	0.9
12 05 75	1000			.3		28141			1.	1.	1.		5.0	10.5	0.4
01 06 75	1140			.3		28165			164.	4.	1.		15.0	10.0	1.0
22 06 75	1230			.3		28193	3						19.0	8.5	1.6
14 07 75	1215			.3		28206			270.	4.	8.		21.0	8.0	1.6
05 08 75	0945			.3		28233			440.	28.	4.		19.0	8.0	1.6
25 08 75	1205			.3		28254			1700.	508.	236.		21.0	8.0	1.2
15 09 75	1015			.3		28267			1000.	10.	30.		13.0	9.0	0.6
06 10 75	1210			.3		28292			500.	80.	10. L		12.0	9.0	0.8
26 10 75	0905			.3		28312			500.	50.	48.		8.0	9.0	2.2
16 11 75	1620			.3		28333			124.	40.	4.		5.5	11.0	1.0
01 12 75	1215			.3		28357							1.5	10.0	1.4
22 12 75	1350			.3		28379							0.5	9.0	0.6
MAXIMUM									1700.	508.	236.		21.0	13.0	2.2
AVG OR GEOM MN (*)									29.* D	6.*	4.* D		7.9	9.9	1.0
MINIMUM									1.	1.	1.		0.0	8.0	0.2
NO OF SAMPLES									15	15	15		18	18	18

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
06 01 75	1200			.3		0.005	0.001	0.02	0.16	0.002	0.120	0.50	68	2.	7.3
27 01 75	1230			.3		0.005	0.001	0.01	0.19	0.002	0.150	0.80	132	3.	7.1
17 02 75	1240			.3		0.006	0.002	0.01	0.20	0.001	0.180	2.20	70	2.	7.0
08 03 75	1100			.3		0.005	0.002	0.01	0.23	0.001	0.230	0.93	69	2.	7.0
31 03 75	1240			.3		0.011	0.006	0.01	0.22	0.002	0.200	0.80	73	3.	7.0
21 04 75	1100			.3		0.004	0.001	0.03	0.21	0.002	0.200	1.40	68	3.	6.9
12 05 75	1000			.3		0.009	0.001L	0.01	0.20	0.001	0.080	0.90	68	2.	6.8
01 06 75	1140			.3		0.025	0.002	0.03	0.40	0.003	0.100	1.40	68	3.	7.1
22 06 75	1230			.3		0.022	0.003	0.02	0.45	0.003	0.200	1.90	63	2.	6.8
14 07 75	1215			.3		0.150	0.035	0.12	0.35	0.002	0.260	2.30	140	5.	6.9
05 08 75	0945			.3		0.013	0.001	0.04	0.38	0.004	0.210	1.60	127	4.	7.8
25 08 75	1205			.3		0.045	0.001	0.03	0.48	0.003	0.150	4.30	76	4.	7.3
15 09 75	1015			.3		0.010	0.001	0.01	0.37	0.002	0.120	1.00	80	4.	7.3
06 10 75	1210			.3		0.011	0.001	0.01 L	0.26	0.003	0.070	1.50	85	5.	7.2
26 10 75	0905			.3		0.024	0.001	0.01 L	0.34	0.002	0.150	3.00	122	12.	7.6
16 11 75	1620			.3		0.190	0.130	0.01 L	0.26	0.004	0.200	2.40	145	18.	7.4
01 12 75	1215			.3		0.017	0.002	0.01	0.34	0.009	0.320	3.50	165	24.	6.7
22 12 75	1350			.3		0.012	0.001	0.01 L	0.23	0.003	0.120	1.50	65	2.	6.5
MAXIMUM						0.190	0.130	0.12	0.48	0.009	0.320	4.30	165	24.	7.8
AVG OR GEOM MN (*)						0.031	0.011D	0.02 D	0.29	0.003	0.170	1.77	94	5.	7.1
MINIMUM						0.004	0.001	0.01	0.16	0.001	0.070	0.50	63	2.	6.5
NO OF SAMPLES						18	18	18	18	18	18	18	18	18	18

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
06 01 75	1200			.3		28005		8					1. L		0.51
27 01 75	1230			.3		28032		8					1. L		0.61
17 02 75	1240			.3		28054		7					1. L		0.65
08 03 75	1100			.3		28070		7					1. L		0.50
31 03 75	1240			.3		28100		1					1. L		0.70
21 04 75	1100			.3		28122		8					1. L		0.90
12 05 75	1000			.3		28141		8							0.80
01 06 75	1140			.3		28165		10					1. L		0.70
22 06 75	1230			.3		28193		7					2.		0.80
14 07 75	1215			.3		28206		15					5.		0.67
05 08 75	0945			.3		28233		41					3.		1.10
25 08 75	1205			.3		28254		10					1. L		0.75
15 09 75	1015			.3		28267		11					1. L		2.70
06 10 75	1210			.3		28292		11					1. L		0.65
26 10 75	0905			.3		28312		19					1. L		0.95
16 11 75	1620			.3		28333		19					1. L		1.50
01 12 75	1215			.3		28357		20					0.1L		2.25
22 12 75	1350			.3		28379		10					0.1L		0.60
MAXIMUM								41					5.		2.70
AVG OR GEOM MN (*)								12					1.3D		0.96
MINIMUM								1					0.1		0.50
NO OF SAMPLES								18					17		18

CONT'D

B.O.W./ SITE: LAUZON RIVER
SAMPLE POINT: HIGHWAY 17, TOWN OF ALGOMA
STATION TYPE: RIVER

STATION ID: 14-0016-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: LAUZON RIVER

STORET CODE: 02
002
8070

STN NO 1 LAT LONG U.T.M. 17 0360200.0 5115950.0 4 REGION 05 MILEAGE 0.50

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
06 01 75	1200			.3			60.	15. L		30					
27 01 75	1230			.3			100.	15. L		85					
17 02 75	1240			.3			50.	2.	48						
08 03 75	1100			.3			40.	7.	33						
31 03 75	1240			.3			49.	2.		47					
21 04 75	1100			.3			46.	2.		44					
12 05 75	1000			.3			47.	3.		44					
01 06 75	1140			.3			50.	4.		46					
22 06 75	1230			.3			45.	6.		39					
14 07 75	1215			.3			94.	3.		91					
05 08 75	0945			.3			87.	5.		82					
25 08 75	1205			.3			60.	11.		49					
15 09 75	1015			.3			58.	3.		55					
06 10 75	1210			.3			59.	4.		55					
26 10 75	0905			.3			84.	5.		79					
16 11 75	1620			.3			97.	3.		94					
01 12 75	1215			.3			111.	4.		107					
22 12 75	1350			.3			44.	2.		42					
MAXIMUM							111.	15.	48	107					
AVG OR GEOM MN (*)							65.	5. D	41	62					
MINIMUM							40.	2.	33	30					
NO OF SAMPLES							18	18	2	16					

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	203 TOTAL ALUMINUM MG/L	265 TOTAL ARSENIC MG/L	64 CALCIUM MG/L	72 TOTAL CALCIUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	272 SIMPLE CYANIDE MG/L	215 TOTAL CADMIUM MG/L	229 TOTAL LEAD MG/L
06 01 75	1200			.3		28005			6.0						
27 01 75	1230			.3		28032			6.0						
17 02 75	1240			.3		28054			6.0						
08 03 75	1100			.3		28070			7.0						
31 03 75	1240			.3		28100			8.0						
21 04 75	1100			.3		28122			7.0						
12 05 75	1000			.3		28141			7.0						
01 06 75	1140			.3		28165			6.0						
22 06 75	1230			.3		28193			6.0						
14 07 75	1215			.3		28206			9.0						
05 08 75	0945			.3		28233				20.0					
25 08 75	1205			.3		28254				7.2					
15 09 75	1015			.3		28267				6.9					
06 10 75	1210			.3		28292				7.0					
26 10 75	0905			.3		28312				9.0					
16 11 75	1620			.3		28333				11.1					
01 12 75	1215			.3		28357				11.0					
22 12 75	1350			.3		28379				6.0					
MAXIMUM									9.0	20.0					
AVG OR GEOM MN (*)									6.8	9.8					
MINIMUM									6.0	6.0					
NO OF SAMPLES									10	8					

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	65 MAG NESIUM MG/L	74 TOT. MAG NESIUM MG/L	200 MANGNESE MN MG/L	235 TOTAL MERCURY UG/L	238 TOTAL NICKEL MG/L	249 TOTAL ZINC MG/L	217 TOTAL COBALT MG/L	218 BARIUM MG/L	219 SELENIUM MG/L	361 SOLVENT EXTRBLES MG/L
06 01 75	1200			.3				0.01							
27 01 75	1230			.3				0.02 L							
17 02 75	1240			.3				0.01							
08 03 75	1100			.3				0.02 L							
31 03 75	1240			.3				0.04							
21 04 75	1100			.3				0.04 L							
12 05 75	1000			.3				0.04 L							
01 06 75	1140			.3				0.04 L							
22 06 75	1230			.3				0.04 L							
14 07 75	1215			.3				0.02							
05 08 75	0945			.3				0.04 L							
25 08 75	1205			.3				0.05							
15 09 75	1015			.3				0.04 L							
06 10 75	1210			.3				0.03							
26 10 75	0905			.3											
16 11 75	1620			.3				0.05							
01 12 75	1215			.3				0.02							
22 12 75	1350			.3				0.02 L							
MAXIMUM								0.05							
AVG OR GEOM MN (*)								0.03 D							
MINIMUM								0.01							
NO OF SAMPLES								17							

SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

B.O.W./ SITE: SERPENT RIVER   STATION ID: 14-0019-001-02
SAMPLE POINT: AT OLD IRON BRIDGE OLD HIGHWAY NO 17 3 MILES EAST OF HWYS 108 & 17 57 2
STATION TYPE: RIVER
MAJOR BASIN: GREAT LAKES   STORET CODE: 02
MINOR BASIN: LAKE HURON   002
TERM STREAM: SERPENT RIVER   8040

STN NO 1 LAT LONG U.T.M. 17 0383350.0 5118400.0 4 REGION 05 MILEAGE 5.10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
06 01 75 1320			.3		28006		403.	10.	1.	1.		0.0	12.0	1.0
27 01 75 1340			.3		28033		662.	20.	1.	1.		0.0	13.5	0.4
17 02 75 1345			.3		28055	4	480.	1.	1.	1.		0.0	8.0	1.2
08 03 75 0935			.3		28068		395.	1.	1.	1.		0.0	14.0	1.0
31 03 75 1450			.3		28101		433.	4.	1.	1.		0.0	14.0	1.0
21 04 75 1210			.3		28123	3	2130.	4.	1.	1.		2.5	13.0	0.9
12 05 75 1100			.3		28142	3	2500.	8.	1.	1.		14.0	11.0	0.4
01 06 75 1230			.3		28166	3	1010.	428.	16.	1.		17.0	9.5	2.8
22 06 75 1320			.3		28194	3	1620.					22.0	9.5	2.2
14 07 75 1330			.3		28207		584.	40.	8.	4.		23.0	9.0	1.2
04 08 75 1315			.3		28230		246.	10.	8.	10. L		25.0	8.0	1.8
25 08 75 1300			.3		28255		106.	90.	24.	1.		22.0	8.0	0.8
15 09 75 1100			.3		28268		67.8	80.	1.	1.		14.0	9.0	0.8
06 10 75 1310			.3		28293		42.6	30.	1.	1.		13.0	8.5	1.4
27 10 75 1000			.3		28315		57.5	160.	12.	1.		9.0	9.5	1.0
16 11 75 1705			.3		28334		151.	48.	1.	1.		5.0	11.0	1.2
01 12 75 1330			.3		28358		1020.					1.5	13.5	1.0
22 12 75 1500			.3		28380		724.					0.0	9.0	1.0
MAXIMUM							2500.	428.	24.	10.		25.0	14.0	2.8
AVG OR GEOM MN (*)							701.8	18.*	2.*	1.* D		9.3	10.6	1.2
MINIMUM							42.6	1.	1.	1.		0.0	8.0	0.4
NO OF SAMPLES							18	15	15	15		18	18	18

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
06 01 75 1320			.3		0.007	0.001	0.34	0.58	0.004	1.000	0.90	134	3.	7.0
27 01 75 1340			.3		0.011	0.001	0.36	0.66	0.003	0.270	3.30	135	4.	6.9
17 02 75 1345			.3		0.069	0.049	0.42	0.70	0.003	1.400	3.10	143	3.	7.0
08 03 75 0935			.3		0.007	0.001	0.46	0.77	0.003	1.500	1.50	158	3.	0.7
31 03 75 1450			.3		0.022	0.004	0.43	0.81	0.005	1.300	1.70	134	4.	7.0
21 04 75 1210			.3		0.018	0.002	0.28	0.67	0.004	0.900	1.90	92	3.	6.6
12 05 75 1100			.3		0.013	0.002	0.32	0.55	0.004	0.880	1.50	124	3.	6.6
01 06 75 1230			.3		0.029	0.002	0.43	0.96	0.006	1.500	1.40	148	3.	6.7
22 06 75 1320			.3		0.490	0.410	0.17	0.94	0.006	1.400	1.60	120	3.	6.0
14 07 75 1330			.3		0.013	0.100	0.39	0.85	0.003	0.940	1.40	185	3.	6.8
04 08 75 1315			.3		0.001	0.001	0.50		0.008	2.200	1.30	167	4.	6.8
25 08 75 1300			.3		0.007	0.001	0.35	0.57	0.008	2.000	0.80	175	3.	7.0
15 09 75 1100			.3		0.007	0.004	0.23	0.54	0.007	2.000	1.00	165	3.	7.0
06 10 75 1310			.3		0.016	0.001	0.15	0.40	0.007	1.200	1.20	155	3.	6.7
27 10 75 1000			.3		0.011	0.001L	0.13	0.40	0.006	1.400	1.00	150	3.	6.8
16 11 75 1705			.3		0.014	0.003	0.08	0.56	0.005	0.890	1.70	110	2.	7.0
01 12 75 1330			.3		0.004	0.001	0.09	0.64	0.010	0.770	3.00	95	2.	5.8
22 12 75 1500			.3		0.014	0.001	0.21	0.78	0.005	1.100	1.20	125	3.	5.8
MAXIMUM					0.490	0.410	0.50	0.96	0.010	2.200	3.30	185	4.	7.0
AVG OR GEOM MN (*)					0.042	0.033D	0.30	0.67	0.005	1.258	1.64	140	3.	6.3
MINIMUM					0.001	0.001	0.08	0.40	0.003	0.270	0.80	92	2.	0.7
NO OF SAMPLES					18	18	18	17	18	18	18	18	18	18

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	69 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
06 01 75 1320			.3		28006		5					1. L		0.93
27 01 75 1340			.3		28033		9					1. L		1.26
17 02 75 1345			.3		28055		4					1. L		1.50
08 03 75 0935			.3		28068		5					1. L		1.30
31 03 75 1450			.3		28101		8					1. L		1.60
21 04 75 1210			.3		28123		7					3.		1.70
12 05 75 1100			.3		28142		6							1.30
01 06 75 1230			.3		28166		6					1. L		1.50
22 06 75 1320			.3		28194		10					3.		1.20
14 07 75 1330			.3		28207		2					4.		1.00
04 08 75 1315			.3		28230		2					2.		1.20
25 08 75 1300			.3		28255		8							1.20
15 09 75 1100			.3		28268		5					1. L		1.10
06 10 75 1310			.3		28293		1					1. L		1.00
27 10 75 1000			.3		28315		5					1. L		1.10
16 11 75 1705			.3		28334		5					1. L		1.00
01 12 75 1330			.3		28358		5							1.25
22 12 75 1500			.3		28380		6					0.1L		1.25
MAXIMUM							10					4.		1.70
AVG OR GEOM MN (*)							6					1.5D		1.24
MINIMUM							1					0.1		0.93
NO OF SAMPLES							18					15		18

CONT'D

STATION ID: 14-0019-001-02

B.O.W./ SITE: SERPENT RIVER
SAMPLE POINT: AT OLD IRON BRIDGE OLD HIGHWAY NO 17 3 MILES EAST OF HWYS 108 & 17 57 2
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

STN NO 1 LAT LONG U.T.M. 17 0383350.0 5118400.0 4 REGION 05 MILEAGE 5.10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
06 01 75 1320			.3			100.	15. L		85					
27 01 75 1340			.3			105.	15. L		90					
17 02 75 1345			.3			120.	3.	117						
08 03 75 0935			.3			100.	2.	98						
31 03 75 1450			.3			90.	3.		87					
21 04 75 1210			.3			63.	3.		60					
12 05 75 1100			.3			84.	3.		81					
01 06 75 1230			.3			101.	3.		98					
22 06 75 1320			.3			82.	4.		78					
14 07 75 1330			.3			123.	3.		120					
04 08 75 1315			.3			110.	2.		108					
25 08 75 1300			.3			126.	12.		114					
15 09 75 1100			.3			110.	3.		107					
06 10 75 1310			.3			105.	4.		101					
27 10 75 1000			.3			102.	4.		98					
16 11 75 1705			.3			76.	4.		72					
01 12 75 1330			.3			69.	7.		62					
22 12 75 1500			.3			85.	4.		81					
MAXIMUM						126.	15.	117	120					
AVG OR GEOM MN (*)						97.	5. D	108	90					
MINIMUM						63.	2.	98	60					
NO OF SAMPLES						18	18	2	16					

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	203 TOTAL ALUMINUM MG/L	265 TOTAL ARSENIC MG/L	64 CALCIUM MG/L	72 TOTAL CALCIUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	272 SIMPLE CYANIDE MG/L	215 TOTAL CADMIUM MG/L	229 TOTAL LEAD MG/L
06 01 75 1320			.3		28006			16.0						
27 01 75 1340			.3		28033			15.0						
17 02 75 1345			.3		28055			16.0						
08 03 75 0935			.3		28068			17.0						
31 03 75 1450			.3		28101			16.0						
21 04 75 1210			.3		28123			10.0						
12 05 75 1100			.3		28142			15.0						
01 06 75 1230			.3		28166			18.0						
22 06 75 1320			.3		28194			14.0						
14 07 75 1330			.3		28207			20.0						
04 08 75 1315			.3		28230				21.0					
25 08 75 1300			.3		28255				21.0					
15 09 75 1100			.3		28268				20.0					
06 10 75 1310			.3		28293				19.0					
27 10 75 1000			.3		28315				18.0					
16 11 75 1705			.3		28334				11.8					
01 12 75 1330			.3		28358				10.0					
22 12 75 1500			.3		28380				14.0					
MAXIMUM								20.0	21.0					
AVG OR GEOM MN (*)								15.7	16.9					
MINIMUM								10.0	10.0					
NO OF SAMPLES								10	8					

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	65 MAG NESIUM MG/L	74 TOT. MAG NESIUM MG/L	200 MANGNESE MN MG/L	235 TOTAL MERCURY UG/L	238 TOTAL NICKEL MG/L	249 TOTAL ZINC MG/L	217 TOTAL COBALT MG/L	218 BARIUM MG/L	219 SELENIUM MG/L	361 SOLVENT EXTRBLES MG/L
06 01 75 1320			.3				0.15							
27 01 75 1340			.3				0.18							
17 02 75 1345			.3				0.18							
08 03 75 0935			.3				0.20							
31 03 75 1450			.3				0.19							
21 04 75 1210			.3				0.14							
12 05 75 1100			.3				0.17							
01 06 75 1230			.3				0.25							
22 06 75 1320			.3				0.22							
14 07 75 1330			.3				0.23							
04 08 75 1315			.3				0.27							
25 08 75 1300			.3				0.25							
15 09 75 1100			.3				0.24							
06 10 75 1310			.3				0.21							
27 10 75 1000			.3				0.18							
16 11 75 1705			.3				0.12							
01 12 75 1330			.3				0.12							
22 12 75 1500			.3				0.18							
MAXIMUM							0.27							
AVG OR GEOM MN (*)							0.19							
MINIMUM							0.12							
NO OF SAMPLES							18							

SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: DEPOT LAKE OUTLET
SAMPLE POINT: AT LAKE DEPOT 52 1
STATION TYPE: RIVER

STATION ID: 14-0019-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

STN NO 2 LAT LONG U.T.M. 17 0381500.0 5132250.0 4 REGION 05 MILEAGE 28.90

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
13 01 75	1045			.3		28011			40.	10. L	10. L		0.0	16.0	0.6
03 02 75	1330			.3		28038							0.0	12.0	0.8
04 03 75	0930			.3		28066			10. L	10. L	10. L		0.0	6.0	0.2
07 04 75	1345			.3		28106			1.	1.	1.		0.0	8.0	0.2
05 05 75	1335			.3		28134	3		1.	1.	1.		4.0	10.5	0.9
02 06 75	1330			.3		28171			176.	1.	1.		18.0	7.5	1.2
08 07 75	1430			.3		28199			112.	4.	8.		25.0	7.0	0.6
11 08 75	1615			.3		28236			136.	20.	1.		25.0	8.0	1.0
08 09 75	1600			.3		28260			110.	12.	4.		15.0	9.0	1.4
08 10 75	1205			.3		28298			50.	4.	1.		14.5	8.0	1.2
12 11 75	0925			.3		28326			20.	1.	1.		7.5	10.5	0.2
11 12 75	0845			.3		28363			20.	1.	4.		0.5	12.0	1.2
MAXIMUM									176.	20.	10.		25.0	16.0	1.4
AVG OR GEOM MN (*)									25.* D	3.* D	2.* D		9.1	9.5	0.8
MINIMUM									1.	1.	1.		0.0	6.0	0.2
NO OF SAMPLES									11	11	11		12	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
13 01 75	1045			.3		0.017	0.001	0.04	0.34	0.003	0.150	0.80	155	6.	7.5
03 02 75	1330			.3		0.010	0.003	0.03	0.33	0.001L	0.300	10.00	164	11.	5.4
04 03 75	0930			.3		0.008	0.001	0.02	0.10	0.002	0.280	1.00	134	7.	7.4
07 04 75	1345			.3		0.053	0.003	0.02	0.62	0.001	0.310	1.80	120	6.	5.8
05 05 75	1335			.3		0.019	0.001L	0.02	0.43	0.002	0.240	1.40	116	5.	6.7
02 06 75	1330			.3		0.006	0.001	0.02	0.22	0.003	0.060	1.00	100	5.	7.3
08 07 75	1430			.3		0.010	0.001	0.01	0.30	0.002	0.020	0.65	102	5.	7.3
11 08 75	1615			.3		0.009	0.001	0.03	0.26	0.001	0.010	2.00	111	5.	6.9
08 09 75	1600			.3		0.006	0.001	0.03	0.37	0.001	0.020	0.70	105	5.	7.1
08 10 75	1205			.3		0.006	0.001	0.01	0.29	0.001	0.010L	0.85	110	5.	6.7
12 11 75	0925			.3		0.006	0.001L	0.04	0.28	0.002	0.040	0.90	110	5.	6.9
11 12 75	0845			.3		0.090	0.002	0.05	0.87	0.003	0.050	0.85	116	5.	6.7
MAXIMUM						0.090	0.003	0.05	0.87	0.003	0.310	10.00	164	11.	7.5
AVG OR GEOM MN (*)						0.020	0.001D	0.03	0.37	0.002D	0.124D	1.83	120	5.	6.8
MINIMUM						0.006	0.001	0.01	0.10	0.001	0.010	0.65	100	5.	5.4
NO OF SAMPLES						12	12	12	12	12	12	12	12	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
13 01 75	1045			.3		28011	2.	5	56		0.05L	5			
03 02 75	1330			.3		28038	6.	7	49		0.05	5			
04 03 75	0930			.3		28066	3.	6	44		0.15	5			
07 04 75	1345			.3		28106	5.	6	46		0.15	5			
05 05 75	1335			.3		28134	3.	8	38		0.15	10			
02 06 75	1330			.3		28171	2.	7	36		0.30	10			
08 07 75	1430			.3		28199	2.	8	39		0.20	5			
11 08 75	1615			.3		28236	2.	9		35.	0.10	10			
08 09 75	1600			.3		28260	2.	7		36.	0.06	5			
08 10 75	1205			.3		28298	2.	10		35.	0.05L	10			
12 11 75	0925			.3		28326	2.	10		37.	0.07	10			
11 12 75	0845			.3		28363	2.	9		224.	0.05	5			
MAXIMUM							6.	10	56	224.	0.30	10			
AVG OR GEOM MN (*)							2.	8	44	73.	0.12D	7			
MINIMUM							2.	5	36	35.	0.05	5			
NO OF SAMPLES							12	12	7	5	12	12			

STATION ID: 14-0019-002-02

B.O.W./ SITE: DEPOT LAKE OUTLET
SAMPLE POINT: AT LAKE DEPOT 52 1
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

STN NO 2 LAT LONG U.T.M. 17 0381500.0 5132250.0 4 REGION 05 MILEAGE 28.90

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
13 01 75 1045			.3		46.	115.	15. L		100					
03 02 75 1330			.3		40.	122.	15. L		107					
04 03 75 0930			.3		38.	100.	1.	99						
07 04 75 1345			.3		26.	86.	8.		78					
05 05 75 1335			.3		33.	83.	8.		75					
02 06 75 1330			.3		14.	69.	4.		65					
08 07 75 1430			.3		33.	70.	4.		64					
11 08 75 1615			.3		30.	74.	2.		72					
08 09 75 1600			.3		27.	68.	2.	66						
08 10 75 1205			.3		33.	67.	1.	66						
12 11 75 0925			.3		33.	73.	1.		72					
11 12 75 0845			.3		29.	76.	1.		75					
MAXIMUM					46.	122.	15.	99	107					
AVG OR GEOM MN (*)					31.	83.	5. D	77	79					
MINIMUM					14.	67.	1.	66	64					
NO OF SAMPLES					12	12	12	3	9					

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	65 MAG NESIUM MG/L	74 TOT. MAG NESIUM MG/L	200 MANGNESE MN MG/L	235 TOTAL MERCURY UG/L	238 TOTAL NICKEL MG/L	249 TOTAL ZINC MG/L	217 TOTAL COBALT MG/L	218 BARIUM MG/L	219 SELENIUM MG/L	361 SOLVENT EXTRBLES MG/L
13 01 75 1045			.3				0.13							
03 02 75 1330			.3				0.13							
04 03 75 0930			.3				0.13							
07 04 75 1345			.3				0.14							
05 05 75 1335			.3				0.13							
02 06 75 1330			.3				0.14							
08 07 75 1430			.3				0.29							
11 08 75 1615			.3				0.06							
08 09 75 1600			.3				0.04 L							
08 10 75 1205			.3				0.03							
12 11 75 0925			.3				0.07							
11 12 75 0845			.3				0.11							
MAXIMUM							0.29							
AVG OR GEOM MN (*)							0.12 D							
MINIMUM							0.03							
NO OF SAMPLES							12							

B.O.W./ SITE: PECORS LAKE OUTLET
SAMPLE POINT: AT PECORS LAKE 38 1
STATION TYPE: RIVER

STATION ID: 14-0019-003-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

STN NO 3   LAT   LONG   U.T.M. 17 0389400.0 5136400.0 4   REGION 05   MILEAGE 29.70

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
10 01 75				.3		28009									1.8
03 02 75	1130			.3		28037							0.0		1.0
03 03 75	1200			.3		28064							0.0		0.2
07 04 75	1030			.3		28104							0.0		0.2
05 05 75	1015			.3		28132	3						3.0		0.3
02 06 75	1000			.3		28169	3						14.5		0.6
08 07 75	1130			.3		28197	3						23.0		0.2
11 08 75	1130			.3		28234							22.5		0.4
08 09 75	1215			.3		28258							17.5		0.6
08 10 75	0920			.3		28296							14.5		0.6
10 11 75	1055			.3		28324							9.5		0.2
08 12 75	1140			.3		28361							1.5		1.6
MAXIMUM													23.0		1.8
AVG OR GEOM MN (*)													9.6		0.6
MINIMUM													0.0		0.2
NO OF SAMPLES													11		12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
10 01 75				.3		0.006	0.001	1.00	1.10	0.006	1.400	0.35	295	3.	5.0
03 02 75	1130			.3		0.002	0.001	0.70	0.94	0.003	3.400	0.67	210	3.	5.0
03 03 75	1200			.3		0.001	0.001L	1.00	1.10	0.005	3.200	0.78	210	3.	5.0
07 04 75	1030			.3		0.001	0.001L	0.85	0.97	0.004	2.800	1.00	210	3.	4.9
05 05 75	1015			.3		0.005	0.001L	0.75	0.91	0.003	2.200	1.20	175	2.	5.5
02 06 75	1000			.3		0.001	0.001	1.10	1.10	0.012	3.000	0.55	200	1.	5.3
08 07 75	1130			.3		0.003	0.007	1.10	1.30	0.021	3.800	0.80	210	3.	5.3
11 08 75	1130			.3		0.005	0.001	1.20	1.20	0.020	2.800	1.40	210	3.	5.1
08 09 75	1215			.3		0.006	0.001	0.95	1.20	0.017	4.200	0.60	235	3.	5.4
08 10 75	0920			.3		0.001	0.001	0.80	0.91	0.015	2.900	6.50	215	3.	5.2
10 11 75	1055			.3		0.006	0.001L	0.70	0.86	0.008	3.000	1.00	200	2.	4.7
08 12 75	1140			.3		0.006	0.001	0.60	0.81	0.005	2.400	2.50	310		
MAXIMUM						0.006	0.007	1.20	1.30	0.021	4.200	6.50	310	3.	5.5
AVG OR GEOM MN (*)						0.004	0.002D	0.90	1.03	0.010	2.925	1.45	223	2.	5.1
MINIMUM						0.001	0.001	0.60	0.81	0.003	1.400	0.35	175	1.	4.7
NO OF SAMPLES						12	12	12	12	12	12	12	12	11	11

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
10 01 75				.3		28009	4.	2	75		2.60	5L			
03 02 75	1130			.3		28037	8.	4	72		0.15	5L			
03 03 75	1200			.3		28064	6.	4	76		0.10	5L			
07 04 75	1030			.3		28104	7.	3	73		0.10	5			
05 05 75	1015			.3		28132	4.	5	64		0.15	5			
02 06 75	1000			.3		28169	7.	9	74		2.50	5L			
08 07 75	1130			.3		28197	4.	3	81		0.10	10			
11 08 75	1130			.3		28234	5.	3		78.	0.15	5			
08 09 75	1215			.3		28258	6.	8		76.	0.27	5			
08 10 75	0920			.3		28296	5.	1L		74.	0.06	5L			
10 11 75	1055			.3		28324	6.	7		74.	0.17	5L			
08 12 75	1140			.3		28361	7.	2		72.					
MAXIMUM							8.	9	81	78.	2.60	10			
AVG OR GEOM MN (*)							5.	4D	74	74.	0.58	5D			
MINIMUM							4.	1	64	72.	0.06	5			
NO OF SAMPLES							12	12	7	5	11	11			

CONT'D

B.O.W./ SITE: PECORS LAKE OUTLET
SAMPLE POINT: AT PECORS LAKE 38 1
STATION TYPE: RIVER

STATION ID: 14-0019-003-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

STN NO 3 LAT LONG U.T.M. 17 0389400.0 5136400.0 4 REGION 05 MILEAGE 29.70

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
10 01 75			.3			205.	15. L		190					
03 02 75 1130			.3		50.	152.	15. L		137					
03 03 75 1200			.3		68.	150.	3.	147						
07 04 75 1030			.3		70.	138.	1.		137					
05 05 75 1015			.3		60.	118.	3.		115					
02 06 75 1000			.3		10.	161.	1.		160					
08 07 75 1130			.3		75.	149.	12.		137					
11 08 75 1130			.3		65.	140.	3.		134					
08 09 75 1215			.3		75.	153.	5.	148						
08 10 75 0920			.3		60.	142.	1.	141						
10 11 75 1055			.3		60.	137.	7.		130					
08 12 75 1140			.3		60.	204.	2.		202					
MAXIMUM					75.	205.	15.	148	202					
AVG OR GEOM MN (*)					59.	154.	5. D	145	149					
MINIMUM					10.	118.	1.	141	115					
NO OF SAMPLES					11	12	12	3	9					

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	65 MAG NESIUM MG/L	74 TOT. MAG NESIUM MG/L	200 MANGNESE MN MG/L	235 TOTAL MERCURY UG/L	238 TOTAL NICKEL MG/L	249 TOTAL ZINC MG/L	217 TOTAL COBALT MG/L	218 BARIUM MG/L	219 SELENIUM MG/L	361 SOLVENT EXTRBLES MG/L
03 02 75 1130			.3				0.41							
03 03 75 1200			.3				0.37							
07 04 75 1030			.3				0.44							
05 05 75 1015			.3				0.32							
02 06 75 1000			.3				0.34							
08 07 75 1130			.3				0.34							
11 08 75 1130			.3				0.35							
08 09 75 1215			.3				0.35							
08 10 75 0920			.3				0.36							
10 11 75 1055			.3				0.38							
MAXIMUM							0.44							
AVG OR GEOM MN (*)							0.37							
MINIMUM							0.32							
NO OF SAMPLES							10							

SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

B.O.W./ SITE: PECORS LAKE INLET
SAMPLE POINT: AT PECORS LAKE 37 1
STATION TYPE: RIVER

STATION ID: 14-0019-004-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

STN NO 4 LAT LONG U.T.M. 17 0384800.0 5138650.0 4 REGION 05 MILEAGE 34.00

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
10 01 75				.3		28010									1.0
03 02 75	1000			.3		28036	4						0.0		0.4
03 03 75	1415			.3		28065	4						0.0		0.2
07 04 75	1220			.3		28105	4						0.0		0.4
05 05 75	1230			.3		28133	3						5.5		0.5
02 06 75	1145			.3		28170	3						17.5		0.8
08 07 75	1300			.3		28198	3						25.0		0.2
11 08 75	1500			.3		28235							24.5		0.2
08 09 75	1445			.3		28259							17.0		1.0
08 10 75	1050			.3		28297							14.0		0.8
12 11 75	0830			.3		28325							7.0		0.4
08 12 75	1430			.3		28362							2.0		1.0
MAXIMUM													25.0		1.0
AVG OR GEOM MN (*)													10.2		0.6
MINIMUM													0.0		0.2
NO OF SAMPLES													11		12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
10 01 75				.3		0.006	0.001L	0.50	0.52	0.001	0.250	0.55	210	3.	4.2
03 02 75	1000			.3		0.002	0.001	0.19	0.27	0.001L	0.350	1.20	211	3.	4.4
03 03 75	1415			.3		0.006	0.001	0.50	0.59	0.001	0.340	0.84	215	2.	4.3
07 04 75	1220			.3		0.004	0.001L	0.51	0.59	0.001	0.290	1.40	200	2.	4.5
05 05 75	1230			.3		0.004	0.001L	0.19	0.33	0.001	0.330	2.90	108	1.	5.8
02 06 75	1145			.3		0.004	0.001	0.45	0.47	0.002	0.670	0.50	160	8.	4.9
08 07 75	1300			.3		0.004	0.004	0.38	0.42	0.002	0.330	0.60	175	2.	
11 08 75	1500			.3		0.006	0.001	0.31	0.48	0.001	0.260	0.55	175	2.	4.4
08 09 75	1445			.3		0.001	0.001	0.24	0.40	0.001	0.240	1.20	175	2.	4.3
08 10 75	1050			.3		0.002	0.001	0.24	0.33	0.001	0.780	6.80	185	2.	4.8
12 11 75	0830			.3		0.009	0.001L	0.13	0.39	0.001	0.230	1.50	138	1.	4.7
08 12 75	1430			.3		0.018	0.001	0.29	0.41	0.001	0.290	1.10	180	2.	4.6
MAXIMUM						0.018	0.004	0.51	0.59	0.002	0.780	6.80	215	8.	5.8
AVG OR GEOM MN (*)						0.006	0.001D	0.33	0.43	0.001D	0.363	1.60	178	2.	4.6
MINIMUM						0.001	0.001	0.13	0.27	0.001	0.230	0.50	108	1.	4.2
NO OF SAMPLES						12	12	12	12	12	12	12	12	12	11

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUCRIDE MG/L	280 REACTIVE SILICATE SI MG/L
10 01 75				.3		28010	15.	0	72		0.05	5			
03 02 75	1000			.3		28036	18.	2	74		0.45	10			
03 03 75	1415			.3		28065	13.	0	76		0.45	5L			
07 04 75	1220			.3		28105	11.	3	71		0.45	5			
05 05 75	1230			.3		28133	7.	5	38		0.25	10			
02 06 75	1145			.3		28170	10.	1L	60		2.50	5L			
08 07 75	1300			.3		28198	12.	0	59		0.35	5			
11 08 75	1500			.3		28235	12.	0		62.	0.30	5			
08 09 75	1445			.3		28259	15.	1L		65.	0.23	10			
08 10 75	1050			.3		28297	9.	1L		64.	0.14	5L			
12 11 75	0830			.3		28325	9.	5		53.	0.61	5			
08 12 75	1430			.3		28362	14.	1L		67.	0.15	5			
MAXIMUM							18.	5	76	67.	2.50	10			
AVG OR GEOM MN (*)							12.	2D	64	62.	0.49	6D			
MINIMUM							7.	0	38	53.	0.05	5			
NO OF SAMPLES							12	12	7	5	12	12			

CONT'D

B.O.W./ SITE: PECORS LAKE INLET
SAMPLE POINT: AT PECORS LAKE 37 1
STATION TYPE: RIVER

STATION ID: 14-0019-004-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

STN NO 4 LAT LONG U.T.M. 17 0384800.0 5138650.0 4 REGION 05 MILEAGE 34.00

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
10 01 75				.3			150.	15. L		135					
03 02 75	1000			.3		70.	152.	15. L		137					
03 03 75	1415			.3		85.	130.	3.	127						
07 04 75	1220			.3		72.	132.	2.		130					
05 05 75	1230			.3		38.	582.	512.		70					
02 06 75	1145			.3		20.	105.	1.		104					
08 07 75	1300			.3		70.	115.	1.		114					
11 08 75	1500			.3		65.	120.	6.		114					
08 09 75	1445			.3		70.	114.	4.	110						
08 10 75	1050			.3		60.	132.	1.	131						
12 11 75	0830			.3		45.	103.	12.		91					
08 12 75	1430			.3		75.	120.	3.		117					
MAXIMUM						85.	582.	512.	131	137					
AVG OR GEOM MN (*)						60.	162.	47. D	123	112					
MINIMUM						20.	103.	1.	110	70					
NO OF SAMPLES						11	12	12	3	9					

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	65 MAG NESIUM MG/L	74 TOT. MAG NESIUM MG/L	200 MANGNESE MN MG/L	235 TOTAL MERCURY UG/L	238 TOTAL NICKEL MG/L	249 TOTAL ZINC MG/L	217 TOTAL COBALT MG/L	218 BARIUM MG/L	219 SELENIUM MG/L	361 SOLVENT EXTRBLES MG/L
03 02 75	1000			.3				0.62							
03 03 75	1415			.3				0.56							
07 04 75	1220			.3				0.56							
05 05 75	1230			.3				0.22							
02 06 75	1145			.3				0.46							
08 07 75	1300			.3				0.43							
11 08 75	1500			.3				0.46							
08 09 75	1445			.3				0.43							
08 10 75	1050			.3				0.42							
12 11 75	0830			.3				0.38							
MAXIMUM								0.62							
AVG OR GEOM MN (*)								0.45							
MINIMUM								0.22							
NO OF SAMPLES								10							

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SAMPLE INFORMATION SYSTEM       STATION SUMMARY REPORT - RIVER BASINS                        DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: CROTCH LAKE OUTLET                                                               STATION ID:  14-0019-006-09
 SAMPLE POINT: AT CROTCH LAKE  34 1
 STATION TYPE: INDUSTRIAL PROCESS                       MAJOR BASIN: GREAT LAKES                               STORET CODE:  02
                                                        MINOR BASIN: LAKE HURON                                              002
                                                        TERM STREAM: SERPENT RIVER                                           8040

STN NO     6      LAT               LONG                 U.T.M. 17 0377900.0 5141500.0 4     REGION 05             MILEAGE   43.50


                                     934       901       444         80        81        84        88       805         3         1
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE       SCD  FLOW CFS     TOTAL     FECAL      M.F.    PSEUD.     WATER     DISS.     5-DAY
DY MO YR LMT   DIST BRG DEPTH           NO                      COLIFORM  COLIFORM    ENTER.       MPA     TEMP.        02       BOD
               FEET      MTRS                                   MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L

10 02 75 1300              .3       28040    4                                                              0.0                  1.2
16 03 75 1045              .3       28080    4                                                              0.0                  0.6
14 04 75 1000              .3       28108                                                                   0.0                  0.1L
19 05 75 0930              .3       28145                                                                  13.0                  0.2
15 06 75 1210              .3       28173                                                                  17.0                  0.4
18 08 75 1030              .3       28238                                                                  20.0                  0.4
23 09 75 0800              .3       28280                                                                  13.5                  0.4
20 10 75 0930              .3       28300                                                                   9.0                  0.2


                      MAXIMUM                                                                              20.0                  1.2
           AVG OR GEOM MN (*)                                                                               9.1                  0.4D
                      MINIMUM                                                                               0.0                  0.1

                NO OF SAMPLES                                                                                 8                   8



                                      33        34        19        20        21        22        16         14       56         55
SAMP DTE HOUR  STN  STN SAMP  PJ     TOTAL  FILTERED  FILTERED     TOTAL   NITRITE   NITRATE     TURB.     COND.   CHLORIDE        PH
DY MO YR LMT   DIST BRG DEPTH            P  REACTIVE   AMMONIA  KJELDAHL     NO2-N     NO3-N  FORMAZIN       25C      MG/L    AT LAB
               FEET      MTRS         MG/L    P MG/L      MG/L      MG/L      MG/L      MG/L     UNITS     UMHOS

10 02 75 1300              .3        0.008     0.004     0.30      0.56      0.005     0.210     4.40        107      2.        6.5
16 03 75 1045              .3        0.010     0.004     0.35      0.63      0.003     0.170     1.10        129      1.        7.0
14 04 75 1000              .3        0.008     0.006     0.46      0.76      0.004     0.050     2.00        162      3.        6.1
19 05 75 0930              .3        0.006     0.001     0.60      0.83      0.003     0.100     1.90        305      2.        8.7
15 06 75 1210              .3        0.004     0.004     0.55      0.80      0.004     0.130     2.00        330      2.        7.6
18 08 75 1030              .3        0.005     0.001     0.40      0.46      0.006     0.100     2.50        340     90.        7.3
23 09 75 0800              .3        0.008     0.001     0.80      1.30      0.030     0.010L    4.10        395      1.        8.0
20 10 75 0930              .3        0.003     0.001               0.79      0.010     0.140                 425      1.        8.1


                      MAXIMUM        0.010     0.006     0.80      1.30      0.030     0.210     4.40        425     90.        8.7
           AVG OR GEOM MN (*)        0.007     0.003     0.49      0.77      0.008     0.114D    2.57        274     12.        7.4
                      MINIMUM        0.003     0.001     0.30      0.46      0.003     0.010     1.10        107      1.        6.1

                NO OF SAMPLES            8         8         7         8         8         8         7         8         8         8



                                     934        95        52        50        76        61        68         25        60       280
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE   ACIDITY   TOT ALK  HARDNESS    CALCUL     TOTAL    COLOUR   PHENOLS            REACTIVE
DY MO YR LMT   DIST BRG DEPTH           NO      MG/L    AT LAB     CACO3  HARDNESS      IRON     HAZEN            FLUORIDE  SILICATE
               FEET      MTRS                             MG/L      MG/L      MG/L      MG/L     UNITS      UG/L      MG/L   SI MG/L

10 02 75 1300              .3       28040       7.           6        39                0.90        30
16 03 75 1045              .3       28080                   10                                                                  2.20
14 04 75 1000              .3       28108       9.           6        58                0.65        30
19 05 75 0930              .3       28145       0.          16       144                0.45        15
15 06 75 1210              .3       28173       1.          16       152                0.05L       20
18 08 75 1030              .3       28238       3.          11               152.       0.14        15
23 09 75 0800              .3       28280       2.          12               165.       0.93         5
20 10 75 0930              .3       28300                   14                          0.33        10


                      MAXIMUM                   9.          16       152     165.       0.93        30                          2.20
           AVG OR GEOM MN (*)                   3.          11        98     158.       0.49D       18                          2.20
                      MINIMUM                   0.           6        39     152.       0.05         5                          2.20

                NO OF SAMPLES                      6         8         4         2         7         7                             1
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CONT'D

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                                                                                                STATION ID:  14-0019-006-09
B.O.W./ SITE: CROTCH LAKE OUTLET
SAMPLE POINT: AT CROTCH LAKE  34 1                                                                         STORET CODE: 02
STATION TYPE: INDUSTRIAL PROCESS                        MAJOR BASIN: GREAT LAKES                                        002
                                                        MINOR BASIN: LAKE HURON                                         8040
                                                        TERM STREAM: SERPENT RIVER

STN NO      6      LAT               LONG               U.T.M. 17 0377900.0 5141500.0 4     REGION 05          MILEAGE   43.50

                                        59         5         6         7       107        67        66        45        47        41
SAMP DTE HOUR  STN  STN SAMP  PJ  SULPHATE     TOTAL     SUSP.     DISS.     DISS.   PTSSIUM    SODIUM     TOT C   ORGANIC       COD
DY MO YR LMT   DIST BRG DEPTH                 SOLIDS    SOLIDS    SOLIDS    SOLIDS         K        NA      AS C    C AS C
               FEET       MTRS        MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

10 02 75 1300               .3         26.       75.        5.                  70
16 03 75 1045               .3         40.       93.        9.                  84
14 04 75 1000               .3        155.      130.        2.       128
19 05 75 0930               .3        112.      200.        2.                 198
15 06 75 1210               .3         52.      217.        2.                 215
18 08 75 1030               .3         15.      224.        2.                 221
23 09 75 0800               .3        180.      261.        4.                 257
20 10 75 0930               .3        188.      278.        3.       275


                       MAXIMUM        188.      278.        9.       275       257
            AVG OR GEOM MN (*)         96.      184.        3.       202       174
                       MINIMUM         15.       75.        2.       128        70

                 NO OF SAMPLES           8         8         8         2         6



                                        65        74       200       235       238       249       217       218       219       361
SAMP DTE HOUR  STN  STN SAMP  PJ       MAG  TOT. MAG  MANGNESE     TOTAL     TOTAL     TOTAL     TOTAL    BARIUM  SELENIUM   SOLVENT
DY MO YR LMT   DIST BRG DEPTH       NESIUM    NESIUM        MN   MERCURY    NICKEL      ZINC    COBALT      MG/L      MG/L  EXTRBLES
               FEET       MTRS        MG/L      MG/L      MG/L      UG/L      MG/L      MG/L      MG/L                          MG/L

10 02 75 1300               .3                          0.18
16 03 75 1045               .3                          0.18
14 04 75 1000               .3                          0.21
19 05 75 0930               .3                          0.23
15 06 75 1210               .3                          0.14
18 08 75 1030               .3                          0.08
23 09 75 0800               .3                          0.03
20 10 75 0930               .3                          0.06


                       MAXIMUM                          0.23
            AVG OR GEOM MN (*)                          0.14
                       MINIMUM                          0.03

                 NO OF SAMPLES                             8
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SAMPLE INFORMATION SYSTEM        STATION SUMMARY REPORT - RIVER BASINS                        DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: BUCKLES CREEK                                                                  STATION ID:  14-0019-007-09
 SAMPLE POINT: AT HIGHWAY NO 108 2 MILES SOUTH OF ELLIOT LAKE  40 1
 STATION TYPE: INDUSTRIAL PROCESS                             MAJOR BASIN: GREAT LAKES                           STORET CODE: 02
                                                              MINOR BASIN: LAKE HURON                                         002
                                                              TERM STREAM: SERPENT RIVER                                      8040

STN NO      7       LAT                 LONG                  U.T.M. 17 0377150.0 5136600.0 4     REGION 05           MILEAGE   45.40


                                          934      901      444       80        81        84        88       805        3          1
SAMP DTE HOUR  STN  STN SAMP  PJ       SAMPLE      SCD  FLOW CFS    TOTAL     FECAL      M.F.    PSEUD.     WATER      DISS.     5-DAY
DY MO YR LMT   DIST BRG DEPTH              NO                    COLIFORM  COLIFORM    ENTER.       MPA     TEMP.         O2       BOD
               FEET        MTRS                                  MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C       MG/L      MG/L

13 01 75 1145               .3          28012                                                              0.0                   1.0
08 04 75 0900               .3          28107                                                              0.0                   1.0
05 05 75 1415               .3          28135    3                                                         3.0                   0.6
02 06 75 1400               .3          28172                                                             19.5                   1.0
08 07 75 1515               .3          28200                                                             27.0                   3.0
11 08 75 1650               .3          28237                                                             27.0                   1.2
08 09 75 1635               .3          28261                                                             17.0                   3.4
09 10 75 0945               .3          28299                                                              9.5                   1.0
12 11 75 0955               .3          28327                                                              6.0                   0.2
11 12 75 0930               .3          28364                                                              0.5                   1.2


                       MAXIMUM                                                                            27.0                   3.4
           AVG OR GEOM MN (*)                                                                             11.0                   1.4
                       MINIMUM                                                                             0.0                   0.2

              NO OF SAMPLES                                                                                 10                    10



                                          33       34        19        20        21        22        16        14        56         55
SAMP DTE HOUR  STN  STN SAMP  PJ        TOTAL  FILTERED  FILTERED     TOTAL   NITRITE   NITRATE     TURB.     COND.  CHLORIDE        PH
DY MO YR LMT   DIST BRG DEPTH               P  REACTIVE   AMMONIA  KJELDAHL    NO2-N     NO3-N   FORMAZIN      25C      MG/L    AT LAB
               FEET        MTRS          MG/L    P MG/L      MG/L      MG/L      MG/L      MG/L     UNITS     UMHOS

13 01 75 1145               .3          0.026     0.002      3.70      4.30     0.061     1.500      2.50       550       12.       7.0
08 04 75 0900               .3          0.020     0.001L     6.50      8.50     0.090     3.900      3.30      1000       19.       6.7
05 05 75 1415               .3          0.012     0.001L     2.00      2.60     0.020     1.100      1.60       390        6.       6.8
02 06 75 1400               .3          0.005     0.001      5.80      5.80     0.054     2.700      3.00       860        0.       6.9
08 07 75 1515               .3          0.046     0.001      6.20      6.20     0.070     3.400     30.00      1000       18.       6.2
11 08 75 1650               .3          0.370     0.001      0.80      3.00     0.002     7.800     74.00      1260       22.       4.7
08 09 75 1635               .3          0.010     0.001      7.40      7.50     0.100     6.100      1.50      1500       26.       7.3
09 10 75 0945               .3          0.002     0.001      8.80      9.00     0.140     7.600      2.40      1700       26.       7.0
12 11 75 0955               .3          0.014     0.001      5.50      6.70     0.200     3.800      4.60       980       16.       7.1
11 12 75 0930               .3          0.100     0.001      5.00      5.70     0.190     2.800      5.20       810       12.       6.9


                       MAXIMUM          0.370     0.002      8.80      9.00     0.200     7.800     74.00      1700       26.       7.3
           AVG OR GEOM MN (*)           0.061     0.001D     5.17      5.93     0.093     4.070     12.81      1005       15.       6.7
                       MINIMUM          0.002     0.001      0.80      2.60     0.002     1.100      1.50       390        0.       4.7

              NO OF SAMPLES                10        10        10        10        10        10        10        10        10        10



                                          934       95        52        50        76        61        68        25        60        280
SAMP DTE HOUR  STN  STN SAMP  PJ       SAMPLE   ACIDITY   TOT ALK  HARDNESS    CALCUL     TOTAL    COLOUR   PHENOLS              REACTIVE
DY MO YR LMT   DIST BRG DEPTH              NO      MG/L    AT LAB     CACO3  HARDNESS      IRON     HAZEN             FLUORIDE  SILICATE
               FEET        MTRS                              MG/L      MG/L      MG/L      MG/L     UNITS      UG/L      MG/L   SI MG/L

13 01 75 1145               .3          28012        9.        15       280                0.05        15
08 04 75 0900               .3          28107        5.        29       522                0.90         5
05 05 75 1415               .3          28135        4.        11       184                0.40        10
02 06 75 1400               .3          28172        7.        14       436                0.35        40
08 07 75 1515               .3          28200        9.        16        62                4.70       770
11 08 75 1650               .3          28237       22.         3                 768.    11.00
08 09 75 1635               .3          28261        7.        21                 771.     0.38        10
09 10 75 0945               .3          28299        7.        22                 882.     0.12        10
12 11 75 0955               .3          28327        5.        19                 375.     1.10        20
11 12 75 0930               .3          28364        6.        16                 254.     0.98        10


                       MAXIMUM                      22.        29       522       882.    11.00       770
           AVG OR GEOM MN (*)                        8.        17       297       610.     2.00        99
                       MINIMUM                       4.         3        62       254.     0.05         5

              NO OF SAMPLES                          10        10         5         5        10         9
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CONT'D

B.O.W./ SITE: BUCKLES CREEK
SAMPLE POINT: AT HIGHWAY NO 108 2 MILES SOUTH OF ELLIOT LAKE 40 1
STATION TYPE: INDUSTRIAL PROCESS

STATION ID: 14-0019-007-09

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

STN NO 7 LAT LONG U.T.M. 17 0377150.0 5136600.0 4 REGION 05 MILEAGE 45.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
13 01 75 1145			.3		32.	540.	15. L	525						
08 04 75 0900			.3		450.	820.	11.	809						
05 05 75 1415			.3		170.	256.	2.		254					
02 06 75 1400			.3		13.	1090.	5.	1085						
08 07 75 1515			.3		525.	978.	51.	927						
11 08 75 1650			.3		650.	1169.	397.	772						
08 09 75 1635			.3		2300.	1386.	17.	1369						
09 10 75 0945			.3		900.	1534.	6.	1528						
12 11 75 0955			.3		390.		13.							
11 12 75 0930			.3		84.	653.	15.	638						
MAXIMUM					2300.	1534.	397.	1528	254					
AVG OR GEOM MN (*)					551.	936.	53. D	957	254					
MINIMUM					13.	256.	2.	525	254					
NO OF SAMPLES					10	9	10	8	1					

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	65 MAG NESIUM MG/L	74 TOT. MAG NESIUM MG/L	200 MANGNESE MN MG/L	235 TOTAL MERCURY UG/L	238 TOTAL NICKEL MG/L	249 TOTAL ZINC MG/L	217 TOTAL COBALT MG/L	218 BARIUM MG/L	219 SELENIUM MG/L	361 SOLVENT EXTRBLES MG/L
13 01 75 1145			.3				0.30							
08 04 75 0900			.3				0.24							
05 05 75 1415			.3				0.12							
02 06 75 1400			.3				0.21							
08 07 75 1515			.3				0.60							
11 08 75 1650			.3				1.20							
08 09 75 1635			.3				0.40							
09 10 75 0945			.3				0.21							
12 11 75 0955			.3				0.22							
11 12 75 0930			.3				0.26							
MAXIMUM							1.20							
AVG OR GEOM MN (*)							0.38							
MINIMUM							0.12							
NO OF SAMPLES							10							

B.O.W./ SITE: SHERIFF CREEK   STATION ID: 14-0019-009-02
SAMPLE POINT: AT HIGHWAY NO 108 ELLIOT LAKE 45 1
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES   STORET CODE: 02
MINOR BASIN: LAKE HURON   002
TERM STREAM: SERPENT RIVER   8040

STN NO 9   LAT   LONG   U.T.M. 17 0372100.0 5139900.0 4   REGION 05   MILEAGE 48.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
23 01 75 1140			.3		28025							0.0	13.0	0.8
25 02 75 0945			.3		28062			4.	1.	1.		0.0	5.0	0.1
27 03 75 0930			.3		28093							0.0	4.0	0.2
28 04 75 1420			.3		28130	3		1.	1.	1.		4.5	10.0	0.8
26 05 75 1240			.3		28158			2296.	1.	4.		23.0	7.5	1.0
16 06 75 1200			.3		28186			430.	48.	1.		17.5	7.5	1.0
28 07 75 1415			.3		28223			360.	1.	1.		23.0	9.0	1.0
04 09 75 0900			.3		28904			150.	80.	44.		15.5	6.0	1.6
29 09 75 1345			.3		28285			24.	1.	1.		13.5	7.5	0.6
02 11 75 0830			.3		28321			56.	1.	1.		5.0	9.0	1.6
30 11 75 1415			.3		28350							0.5	9.0	1.0
28 12 75 0900			.3		28387							0.5	7.0	0.4
MAXIMUM								2296.	80.	44.		23.0	13.0	1.6
AVG OR GEOM MN (*)								64.*	3.*	2.*		8.6	7.9	0.8
MINIMUM								1.	1.	1.		0.0	4.0	0.1
NO OF SAMPLES								8	8	8		12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
23 01 75 1140			.3		0.039	0.001L	0.46	0.96	0.002	0.280	5.40	235	1.	5.2
25 02 75 0945			.3		0.043	0.001L	0.70	1.10	0.003	0.340	6.20	227	20.	5.7
27 03 75 0930			.3		0.046	0.001L	0.90	1.30	0.005	0.270	6.60	242	23.	5.7
28 04 75 1420			.3		0.027	0.001	0.17	0.38	0.002	0.280	2.50	134	7.	4.2
26 05 75 1240			.3		0.020	0.001L	0.03	0.34	0.002	0.160	1.40	170	12.	4.9
16 06 75 1200			.3		0.065	0.008	0.23	0.90	0.005	0.240	2.80	170	2.	7.4
28 07 75 1415			.3		0.034	0.003	0.01 L	0.47	0.001	0.010L	1.90	200	22.	6.6
04 09 75 0900			.3		0.032	0.002	0.04	0.44	0.003	0.050	1.60	230	31.	7.1
29 09 75 1345			.3		0.022	0.003	0.01	0.79	0.003	0.050	1.00	240	29.	7.3
02 11 75 0830			.3		0.028	0.002	0.29	0.69	0.023	0.310	0.96	360	27.	6.8
30 11 75 1415			.3		0.044	0.001	0.43	0.70	0.007	0.270	3.40	215	10.	4.2
28 12 75 0900			.3		0.079	0.002	1.10	1.60	0.015	0.290	6.00	280	30.	6.4
MAXIMUM					0.079	0.008	1.10	1.60	0.023	0.340	6.60	360	31.	7.4
AVG OR GEOM MN (*)					0.040	0.002D	0.36 D	0.81	0.006	0.213D	3.31	225	17.	6.0
MINIMUM					0.020	0.001	0.01	0.34	0.001	0.010	0.96	134	1.	4.2
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
23 01 75 1140			.3		28025	17.	2	63		1.20	10			
25 02 75 0945			.3		28062	20.	6	63		0.80	10			
27 03 75 0930			.3		28093	17.	12	74		0.70	30			
28 04 75 1420			.3		28130	11.	1L	35		0.75	10			
26 05 75 1240			.3		28158	9.	1	52		0.35	15			
16 06 75 1200			.3		28186	5.	5	51		0.82	20			
28 07 75 1415			.3		28223	2.	6		55.	0.40	20			
04 09 75 0900			.3		28904	6.	17		58.	0.74	15			
29 09 75 1345			.3		28285	2.	11		60.	0.34	10			
02 11 75 0830			.3		28321	5.	12		66.	0.17	10			
30 11 75 1415			.3		28350	21.	1L		70.	1.50	30			
28 12 75 0900			.3		28387	13.	13		76.	0.56	15			
MAXIMUM						21.	17	74	76.	1.50	30			
AVG OR GEOM MN (*)						10.	7D	56	64.	0.69	16			
MINIMUM						2.	1	35	55.	0.17	10			
NO OF SAMPLES						12	12	6	6	12	12			

CONT'D

B.O.W./ SITE: SHERIFF CREEK
SAMPLE POINT: AT HIGHWAY NO 108 ELLIOT LAKE 45 1
STATION TYPE: RIVER

STATION ID: 14-0019-009-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

STN NO 9 LAT LONG U.T.M. 17 0372100.0 5139900.0 4 REGION 05 MILEAGE 48.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
23 01 75 1140			.3		57.	250.	15. L	235						
25 02 75 0945			.3		23.	140.	10.	130						
27 03 75 0930			.3		77.	166.	9.		157					
28 04 75 1420			.3		34.	90.	3.		87					
26 05 75 1240			.3		50.	44.	3.		41					
16 06 75 1200			.3		43.	122.	11.		111					
28 07 75 1415			.3		48.	130.	18.	112						
04 09 75 0900			.3		41.	156.	3.		153					
29 09 75 1345			.3		50.	159.	2.		157					
02 11 75 0830			.3			236.	2.		234					
30 11 75 1415			.3		85.	149.	9.		140					
28 12 75 0900			.3		70.	189.	7.		182					
MAXIMUM					85.	250.	18.	235	234					
AVG OR GEOM MN (*)					52.	152.	7. D	159	140					
MINIMUM					23.	44.	2.	112	41					
NO OF SAMPLES					11	12	12	3	9					

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	65 MAG NESIUM MG/L	74 TOT. MAG NESIUM MG/L	200 MANGNESE MN MG/L	235 TOTAL MERCURY UG/L	238 TOTAL NICKEL MG/L	249 TOTAL ZINC MG/L	217 TOTAL COBALT MG/L	218 BARIUM MG/L	219 SELENIUM MG/L	361 SOLVENT EXTRBLES MG/L
23 01 75 1140			.3				0.40							
25 02 75 0945			.3				0.11							
27 03 75 0930			.3				0.51							
28 04 75 1420			.3				0.26							
26 05 75 1240			.3				0.33							
16 06 75 1200			.3				0.22							
28 07 75 1415			.3				0.07							
04 09 75 0900			.3				0.04							
29 09 75 1345			.3				0.03							
30 11 75 1415			.3				0.59		0.03	0.040	0.02			
28 12 75 0900			.3				0.64							
MAXIMUM							0.64		0.03	0.040	0.02			
AVG OR GEOM MN (*)							0.29		0.03	0.040	0.02			
MINIMUM							0.03		0.03	0.040	0.02			
NO OF SAMPLES							11		1	1	1			

SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: ROCHESTER CREEK
SAMPLE POINT: NEAR QUIRKE LAKE INLET 59 1
STATION TYPE: RIVER

STATION ID: 14-0019-010-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKES HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

STN NO 10 LAT LONG U.T.M. 17 0383100.0 5150450.0 4 REGION 05 MILEAGE 49.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
20 01 75 1445			.3		28022	3						0.0		0.6
24 02 75 1100			.3		28059	4						0.0		0.3
26 03 75 1025			.3		28090									0.2
28 04 75 1130			.3		28127	3						3.0		0.3
26 05 75 1010			.3		28155							20.0		0.4
16 06 75 1100			.3		28183							18.5		0.4
28 07 75 1200			.3		28220							22.0		0.6
01 09 75 1230			.3		28901							19.0		0.2
29 09 75 1120			.3		28282							13.0		0.2
03 11 75 0930			.3		28323							8.5		1.2
30 11 75 1130			.3		28347							1.0		0.8
27 12 75 1430			.3		28384	4						0.0		0.2
MAXIMUM												22.0		1.2
AVG OR GEOM MN (*)												9.5		0.5
MINIMUM												0.0		0.2
NO OF SAMPLES												11		12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
20 01 75 1445			.3		0.002	0.001L	0.14	0.24	0.240	1.300	4.30	104	1.	4.8
24 02 75 1100			.3		0.006	0.001L	0.11	0.37	0.005	0.270	5.40	100	1.	5.0
26 03 75 1025			.3		0.086	0.001L	0.13	0.92	0.007	0.110	4.80	113	1.	4.1
28 04 75 1130			.3		0.007	0.007	0.06	0.28	0.004	0.150	1.30	74	0.	6.5
26 05 75 1010			.3		0.010	0.001	0.01 L	0.25	0.004	0.080	1.40	53	1.	7.0
16 06 75 1100			.3		0.004	0.001	0.03	0.37	0.075	0.180	2.30	69	1.	8.0
28 07 75 1200			.3		0.002	0.001	0.02	0.38	0.002	0.040	2.00	46	1.	6.7
01 09 75 1230			.3		0.003	0.002	1.60	1.90	0.026	4.200	1.00	260	3.	6.5
29 09 75 1120			.3		0.006	0.001	0.01	0.45	0.011	0.240	1.60	100	1.	7.8
03 11 75 0930			.3		0.004	0.002	0.07	0.38	0.003	0.060	2.20	78	1.	6.7
30 11 75 1130			.3		0.009	0.001	0.10	0.46	0.012	0.210	2.70	215	1.	5.5
27 12 75 1430			.3		0.098	0.001	0.06	0.44	0.008	0.160	4.60	80	1.	6.6
MAXIMUM					0.098	0.007	1.60	1.90	0.240	4.200	5.40	260	3.	8.0
AVG OR GEOM MN (*)					0.020	0.002D	0.20 D	0.54	0.033	0.583	2.80	108	1.	6.3
MINIMUM					0.002	0.001	0.01	0.24	0.002	0.040	1.00	46	0.	4.1
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
20 01 75 1445			.3		28022	8.	5	41		1.90	15			
24 02 75 1100			.3		28059	7.	1	27		2.10	30			
26 03 75 1025			.3		28090	12.	3	30		3.00	35			
28 04 75 1130			.3		28127	2.	6	37		0.75	20			
26 05 75 1010			.3		28155	1.	7	30		0.35	15			
16 06 75 1100			.3		28183	1.	8	22		0.16	20			
28 07 75 1200			.3		28220	2.	6		14.	1.20	30			
01 09 75 1230			.3		28901	4.	5		93.	0.40	5			
29 09 75 1120			.3		28282	2.	5		17.	1.30	35			
03 11 75 0930			.3		28323	2.	4		29.	0.55	20			
30 11 75 1130			.3		28347	4.	4		42.	1.00	30			
27 12 75 1430			.3		28384	2.	5		24.	1.30	40			
MAXIMUM						12.	8	41	93.	3.00	40			
AVG OR GEOM MN (*)						3.	5	31	36.	1.17	25			
MINIMUM						1.	1	22	14.	0.16	5			
NO OF SAMPLES						12	12	6	6	12	12			

CONT'D

B.O.W./ SITE: ROCHESTER CREEK
SAMPLE POINT: NEAR QUIRKE LAKE INLET 59 1
STATION TYPE: RIVER

STATION ID: 14-0019-010-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKES HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

STN NO 10 LAT LONG U.T.M. 17 0383100.0 5150450.0 4 REGION 05 MILEAGE 49.50

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
20 01 75	1445			.3		36.	80.	15. L	65						
24 02 75	1100			.3		26.	55.	8.	47						
26 03 75	1025			.3		33.	77.	5.		72					
28 04 75	1130			.3		14.	50.	2.		48					
26 05 75	1010			.3		14.	34.	1.		33					
16 06 75	1100			.3		20.	62.	16.		46					
28 07 75	1200			.3		12.	31.	2.		31					
01 09 75	1230			.3		80.	171.	2.		169					
29 09 75	1120			.3		15.	68.	3.		65					
03 11 75	0930			.3			53.	1.		52					
30 11 75	1130			.3		35.	147.	7.		140					
27 12 75	1430			.3		25.	59.	7.		52					
MAXIMUM						80.	171.	16.	65	169					
AVG OR GEOM MN (*)						28.	73.	5. D	56	71					
MINIMUM						12.	31.	1.	47	31					
NO OF SAMPLES						11	12	12	2	10					

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	65 MAG NESIUM MG/L	74 TOT. MAG NESIUM MG/L	200 MANGNESE MN MG/L	235 TOTAL MERCURY UG/L	238 TOTAL NICKEL MG/L	249 TOTAL ZINC MG/L	217 TOTAL COBALT MG/L	218 BARIUM MG/L	219 SELENIUM MG/L	361 SOLVENT EXTRBLES MG/L
20 01 75	1445			.3				0.08							
24 02 75	1100			.3				0.06							
26 03 75	1025			.3				0.10							
28 04 75	1130			.3				0.05							
26 05 75	1010			.3				0.04 L							
16 06 75	1100			.3				0.04							
28 07 75	1200			.3				0.04 L							
01 09 75	1230			.3				0.29							
29 09 75	1120			.3				0.03							
30 11 75	1130			.3				0.09		0.01 L	0.010L	0.01 L			
27 12 75	1430			.3				0.07							
MAXIMUM								0.29		0.01	0.010	0.01			
AVG OR GEOM MN (*)								0.08 D		0.01 D	0.010D	0.01 D			
MINIMUM								0.03		0.01	0.010	0.01			
NO OF SAMPLES								11		1	1	1			

SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: SERPENT RIVER
SAMPLE POINT: NEAR QUIRKE LAKE INLET 24 2
STATION TYPE: RIVER

STATION ID: 14-0019-011-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

STN NO 11 LAT LONG U.T.M. 17 0376550.0 5151850.0 4 REGION 05 MILEAGE 53.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
23 01 75 0950			.3		28021							0.0	18.0	0.2
24 02 75 0940			.3		28058	4		772.	1.	1.		0.0	6.0	0.6
26 03 75 0900			.3		28089	4						0.0	4.0	0.2
28 04 75 0935			.3		28126	3		10. L	1.	1.		4.0	11.5	0.5
26 05 75 0910			.3		28154			244.	1.	1.		20.5	8.0	0.6
16 06 75 1015			.3		28182			60.	16.	8.		16.5	7.5	0.8
28 07 75 1040			.3		28219			108.	1.	1.		19.0	7.0	0.4
01 09 75 1045			.3		28900			100.	4.	1.		17.0	8.0	0.8
29 09 75 0940			.3		28281			36.	4.	1.		12.5	9.0	0.6
02 11 75 0730			.3		28318			4.	1.	1.		9.5	8.0	2.2
30 11 75 1040			.3		28346							0.0	12.0	1.0
27 12 75 1300			.3		28383	4						0.0	10.0	1.0
MAXIMUM								772.	16.	8.		20.5	18.0	2.2
AVG OR GEOM MN (*)								60.* D	2.*	1.*		8.3	9.1	0.7
MINIMUM								4.	1.	1.		0.0	4.0	0.2
NO OF SAMPLES								8	8	8		12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
23 01 75 0950			.3		0.007	0.001	4.00	5.00	1.400	12.000	2.30	650	10.	7.2
24 02 75 0940			.3		0.026	0.001	6.60	8.20	1.800	15.000	5.40	790	8.	7.2
26 03 75 0900			.3		0.004	0.002	2.00	8.70	0.320	3.900	1.50	905	11.	7.6
28 04 75 0935			.3		0.008	0.003	3.60	3.80	0.280	5.600	2.10	380	6.	6.9
26 05 75 0910			.3		0.018	0.001	1.20	1.80	0.210	0.110	1.10	415	5.	7.1
16 06 75 1015			.3		0.010	0.001L	7.00	7.20	1.100	19.000	1.10	920	9.	7.5
28 07 75 1040			.3		0.002	0.002	6.10	7.00	0.500	24.000	2.40	1240	12.	7.3
01 09 75 1045			.3		0.004	0.001	5.80	6.00	0.640	29.000	0.95	1500	15.	6.8
29 09 75 0940			.3		0.006	0.001L	8.00	9.00	2.500	34.000	2.40	1650	19.	7.3
02 11 75 0730			.3		0.010	0.001L	14.00	16.00	4.300	50.000	2.10	1600	20.	6.9
30 11 75 1040			.3		0.009	0.001L	9.00	9.10	3.400	29.000	2.30	1150	12.	6.5
27 12 75 1300			.3		0.015	0.001L	0.34	3.40	1.900	13.000	3.40	640	6.	7.3
MAXIMUM					0.026	0.003	14.00	16.00	4.300	50.000	5.40	1650	20.	7.6
AVG OR GEOM MN (*)					0.010	0.001D	5.64	7.10	1.529	19.551	2.25	987	11.	7.1
MINIMUM					0.002	0.001	0.34	1.80	0.210	0.110	0.95	380	5.	6.5
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
23 01 75 0950			.3		28021	5.	9	264		0.40	5L			
24 02 75 0940			.3		28058	2.	15	340		0.85	10			
26 03 75 0900			.3		28089	5.	23	380		0.20	10			
28 04 75 0935			.3		28126	3.	10	128		0.30	10			
26 05 75 0910			.3		28154	4.	14	172		0.10	15			
16 06 75 1015			.3		28182	4.	15	500		0.22	10			
28 07 75 1040			.3		28219	2.	14		589.	0.20	10			
01 09 75 1045			.3		28900	4.	11		730.	0.09	5			
29 09 75 0940			.3		28281	4.	7		784.	0.38	5L			
02 11 75 0730			.3		28318	6.	12		832.	0.24	5			
30 11 75 1040			.3		28346	8.	16		569.	0.40	20			
27 12 75 1300			.3		28383	2.	14		277.					
MAXIMUM						8.	23	500	832.	0.85	20			
AVG OR GEOM MN (*)						4.	13	297	630.	0.31	10D			
MINIMUM						2.	7	128	277.	0.09	5			
NO OF SAMPLES						12	12	6	6	11	11			

CONT'D

B.O.W./ SITE: SERPENT RIVER
SAMPLE POINT: NEAR QUIRKE LAKE INLET 24 2
STATION TYPE: RIVER

STATION ID: 14-0019-011-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

STN NO 11 LAT LONG U.T.M. 17 0376550.0 5151850.0 4 REGION 05 MILEAGE 53.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
23 01 75 0950			.3		210.	460.	15. L	445						
24 02 75 0940			.3		215.	590.	19.	571						
26 03 75 0900			.3		62.	700.	4.	696						
28 04 75 0935			.3		120.	250.	3.		247					
26 05 75 0910			.3		150.	260.	2.	258						
16 06 75 1015			.3		400.	790.	5.	785						
28 07 75 1040			.3		575.	730.	2.	728						
01 09 75 1045			.3		750.	1358.	1.	1357						
29 09 75 0940			.3		875.	1474.	7.	1467						
02 11 75 0730			.3			1546.	19.	1527						
30 11 75 1040			.3		590.	1018.	4.	1014						
27 12 75 1300			.3		250.	471.	9.	462						
MAXIMUM					875.	1546.	19.	1527	247					
AVG OR GEOM MN (*)					381.	803.	7. D	846	247					
MINIMUM					62.	250.	1.	258	247					
NO OF SAMPLES					11	12	12	11	1					

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	65 MAG NESIUM MG/L	74 TOT. MAG NESIUM MG/L	200 MANGNESE MN MG/L	235 TOTAL MERCURY UG/L	238 TOTAL NICKEL MG/L	249 TOTAL ZINC MG/L	217 TOTAL COBALT MG/L	218 BARIUM MG/L	219 SELENIUM MG/L	361 SOLVENT EXTRBLES MG/L
23 01 75 0950			.3				0.16							
24 02 75 0940			.3				0.13							
26 03 75 0900			.3				0.09							
28 04 75 0935			.3				0.08							
26 05 75 0910			.3				0.09							
16 06 75 1015			.3				0.06							
28 07 75 1040			.3				0.12							
01 09 75 1045			.3				0.15							
29 09 75 0940			.3				0.20							
30 11 75 1040			.3				0.18		0.01 L	0.010	0.01 L			
27 12 75 1300			.3				0.12							
MAXIMUM							0.20		0.01	0.010	0.01			
AVG OR GEOM MN (*)							0.13		0.01 D	0.010	0.01 D			
MINIMUM							0.06		0.01	0.010	0.01			
NO OF SAMPLES							11		1	1	1			

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SAMPLE INFORMATION SYSTEM       STATION SUMMARY REPORT - RIVER BASINS                      DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: CREEK                                                                            STATION ID:  14-0019-012-09
 SAMPLE POINT: NEAR ROAD TO STANROCK TOWNSITE  32 2
 STATION TYPE: INDUSTRIAL PROCESS                       MAJOR BASIN: GREAT LAKES                              STORET CODE: 02
                                                        MINOR BASIN: LAKE HURON                                            002
                                                        TERM STREAM: SERPENT RIVER                                         8040

STN NO    12      LAT               LONG                 U.T.M. 17 0380900.0 5147400.0 4      REGION 05            MILEAGE   54.00

                                       934       901       444        80        81        84        88       805         3         1
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE       SCD  FLOW CFS     TOTAL     FECAL      M.F.    PSEUD.     WATER     DISS.     5-DAY
DY MO YR LMT   DIST BRG DEPTH           NO                      COLIFORM  COLIFORM    ENTER.       MPA     TEMP.        O2       BOD
               FEET      MTRS                                   MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L

14 04 75 1325              .3        28110                                                                   0.0
19 05 75 1150              .3        28147                                                                  23.0
15 06 75 1450              .3        28175                                                                  18.0                10.0
18 08 75 1300              .3        28240                                                                  19.0                55.0
22 09 75 1245              .3        28273                                                                  15.5                90.0
20 10 75 1215              .3        28302                                                                   8.5                76.0
25 11 75 0830              .3        28339   4                                                               0.0                40.0
15 12 75 1055              .3        28367   4                                                               0.0               140.0


               MAXIMUM                                                                                      23.0               140.0
          AVG OR GEOM MN (*)                                                                                10.5                68.5
               MINIMUM                                                                                       0.0                10.0

                NO OF SAMPLES                                                                                  8                   6

                                        33        34        19        20        21        22        16        14        56        55
SAMP DTE HOUR  STN  STN SAMP  PJ     TOTAL  FILTERED  FILTERED     TOTAL   NITRITE   NITRATE     TURB.     COND.  CHLORIDE        PH
DY MO YR LMT   DIST BRG DEPTH            P  REACTIVE   AMMONIA  KJELDAHL     NO2-N     NO3-N  FORMAZIN       25C      MG/L    AT LAB
               FEET      MTRS         MG/L    P MG/L      MG/L      MG/L      MG/L      MG/L     UNITS     UMHOS

14 04 75 1325              .3        0.240                9.50     10.00     0.190     0.010     47.00      9170       28.       2.1
19 05 75 1150              .3        0.020               12.00     38.00     2.700    0.010L      4.50     13600       24.       1.8
15 06 75 1450              .3        0.590     0.053                7.50     0.330    0.010L      5.40     11400       27.       2.5
18 08 75 1300              .3        0.340     0.055     28.00     31.00     0.620                3.40     9999G       37.      1.60
22 09 75 1245              .3        2.200     0.760     19.00               0.330    0.010L     13.00     15200       29.       1.7
20 10 75 1215              .3        0.610               18.00     18.00     1.000    0.010L      5.30     18500       32.       1.9
25 11 75 0830              .3                  1.300     10.00     24.00     0.190    0.010L      4.80     13000       43.       1.9
15 12 75 1055              .3                  0.920     16.00               0.180    0.010L     71.00     15000       36.       1.9


               MAXIMUM               2.200     1.300     28.00     38.00     2.700     0.010     71.00     18500       43.       2.5
          AVG OR GEOM MN (*)         0.667     0.618     16.07     21.42     0.693    0.010D     19.30    13234U       32.      1.93
               MINIMUM               0.020     0.053      9.50      7.50     0.180     0.010      3.40      9170       24.      1.60

                NO OF SAMPLES            6         5         7         6         8         7         8         8         8         8

                                       934        95        52        50        76        61        68        25        60       280
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE   ACIDITY   TOT ALK  HARDNESS    CALCUL     TOTAL    COLOUR   PHENOLS            REACTIVE
DY MO YR LMT   DIST BRG DEPTH           NO      MG/L    AT LAB     CACO3  HARDNESS      IRON     HAZEN            FLUORIDE  SILICATE
               FEET      MTRS                             MG/L      MG/L      MG/L      MG/L     UNITS      UG/L      MG/L   SI MG/L

14 04 75 1325              .3        28110     7350.        1L       927              22000.       150
19 05 75 1150              .3        28147    15730.        1L                         2400.       70G
15 06 75 1450              .3        28175     9060.        1L                         2000.       70G
18 08 75 1300              .3        28240     9999. G      0                1510.   999.99G       70G
22 09 75 1245              .3        28273      106.        1L               1280.   999.99G       70G
20 10 75 1215              .3        28302     2000.        0                1380.     5850.       70G
25 11 75 0830              .3        28339    13360.        1L               1400.     3720.       70G
15 12 75 1055              .3        28367    12000.        1L               1392.     4350.       70G


               MAXIMUM                        15730.        1        927     1510.    22000.       150
          AVG OR GEOM MN (*)                   8700. U      10       927     1392.  5290.00U       80U
               MINIMUM                          106.        0        927     1280.    999.99        70

                NO OF SAMPLES                      8         8         1         5         8         8
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CONT'D

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                                                                                              STATION ID:  14-0019-012-09
B.O.W./ SITE: CREEK
SAMPLE POINT: NEAR ROAD TO STANROCK TOWNSITE  32 2                                                          STORET CODE: 02
STATION TYPE: INDUSTRIAL PROCESS                        MAJOR BASIN: GREAT LAKES                                         002
                                                        MINOR BASIN: LAKE HURON                                          8040
                                                        TERM STREAM: SERPENT RIVER

STN NO     12       LAT            LONG                 U.T.M. 17 0380900.0 5147400.0 4     REGION 05          MILEAGE    54.00

                                          59         5          6         7         107        67         66        45       47         41
SAMP DTE HOUR  STN  STN SAMP  PJ   SULPHATE      TOTAL      SUSP.     DISS.       DISS.   PTSSIUM     SODIUM     TOT C  ORGANIC        COD
DY MO YR LMT   DIST BRG DEPTH                   SOLIDS     SOLIDS    SOLIDS      SOLIDS         K         NA      AS C   C AS C
               FEET       MTRS         MG/L       MG/L       MG/L      MG/L        MG/L      MG/L       MG/L      MG/L     MG/L       MG/L

14 04 75 1325               .3        7250.     13130.        96.     13034
19 05 75 1150               .3       12000.       820.        24.       796
15 06 75 1450               .3          26.     17950.        10.     17940
18 08 75 1300               .3                  29340.        59.     29281
22 09 75 1245               .3                                78.
20 10 75 1215               .3       17000.     24407.        88.     24319
25 11 75 0830               .3                  19404.        14.     19390
15 12 75 1055               .3        7000.     20653.        57.     20596


                      MAXIMUM        17000.     29340.        96.     29281
            AVG OR GEOM MN (*)        8655.     17957.        53.     17908
                      MINIMUM          26.       820.        10.       796

                NO OF SAMPLES            5          7          8         7


                                          65        74         200        235        238        249        217       218       219        361
SAMP DTE HOUR  STN  STN SAMP  PJ         MAG  TOT. MAG    MANGNESE      TOTAL      TOTAL      TOTAL      TOTAL    BARIUM  SELENIUM    SOLVENT
DY MO YR LMT   DIST BRG DEPTH         NESIUM    NESIUM          MN    MERCURY     NICKEL       ZINC     COBALT      MG/L      MG/L   EXTRBLES
               FEET       MTRS          MG/L      MG/L        MG/L       UG/L       MG/L       MG/L       MG/L                          MG/L

14 04 75 1325               .3                              5.40
19 05 75 1150               .3                              5.40
15 06 75 1450               .3                              5.40
18 08 75 1300               .3                              0.04 L
22 09 75 1245               .3                              4.60
20 10 75 1215               .3                              5.00
25 11 75 0830               .3                              6.90                  2.20     10.000        1.1
15 12 75 1055               .3                              5.20


                      MAXIMUM                               6.90                  2.20     10.000        1.1
            AVG OR GEOM MN (*)                              4.74 D                2.20     10.000        1.1
                      MINIMUM                               0.04                  2.20     10.000        1.1

                NO OF SAMPLES                                  8                     1          1          1
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SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

B.O.W./ SITE: BUD LAKE CREEK
SAMPLE POINT: AT HIGHWAY NO 108 BUD LAKE 22 1
STATION TYPE: RIVER

STATION ID: 14-0019-013-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

STN NO 13   LAT   LONG   U.T.M. 17 0373500.0 5151450.0 4   REGION 05   MILEAGE 55.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
20 01 75 1140			.3		28017							0.0		0.2
11 02 75 0900			.3		28045							0.0		1.0
16 03 75 1430			.3		28083							0.0		0.4
14 04 75 1520			.3		28113							0.0		0.8
19 05 75 1310			.3		28150							18.5		0.2
15 06 75 1600			.3		28178							17.5		0.4
18 08 75 1420			.3		28243							20.5		0.6
22 09 75 1410			.3		28276							13.5		0.3
20 10 75 1350			.3		28305							8.0		0.6
27 11 75 0800			.3		28345							0.0		0.8
15 12 75 1220			.3		28370							0.5		1.0
MAXIMUM												20.5		1.0
AVG OR GEOM MN (*)												7.1		0.6
MINIMUM												0.0		0.2
NO OF SAMPLES												11		11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
20 01 75 1140			.3		0.020	0.001L	65.00	8.00	9.200	52.000	9.00	1750	8.	7.2
11 02 75 0900			.3		0.001	0.001L	10.00	13.00	12.000	55.000	10.00	2100	10.	7.2
16 03 75 1430			.3		0.008	0.004	12.00	13.00	2.100	89.000	2.00	2075	13.	8.0
14 04 75 1520			.3		0.014		11.00	11.00	7.200	29.000	6.30	1850	11.	7.0
19 05 75 1310			.3		0.010	0.001L	11.00	11.00	5.000	43.000	3.10	1700	8.	7.1
15 06 75 1600			.3		0.018	0.001L	12.00	12.00	6.100	37.000	2.60	1850	9.	6.5
18 08 75 1420			.3		0.008	0.001	8.00	8.30	3.800	42.000	4.00	2600	13.	7.4
22 09 75 1410			.3		0.013	0.001L	9.00	5.50	7.500	52.000	5.50	2200	12.	5.4
20 10 75 1350			.3		0.005	0.001	9.50		11.000	45.000	8.50	2800	13.	7.2
27 11 75 0800			.3		0.001	0.001	9.30	9.50	10.000	48.000	8.40	2200	11.	6.6
15 12 75 1220			.3		0.020	0.001L	7.50		8.400	36.000	9.50	1750	8.	7.2
MAXIMUM					0.020	0.004	65.00	13.00	12.000	89.000	10.00	2800	13.	8.0
AVG OR GEOM MN (*)					0.011	0.001D	14.94	10.14	7.482	48.000	6.26	2080	10.	7.0
MINIMUM					0.001	0.001	7.50	5.50	2.100	29.000	2.00	1700	9.	5.4
NO OF SAMPLES					11	10	11	9	11	11	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
20 01 75 1140			.3		28017	12.	15	1190		1.90	5L			
11 02 75 0900			.3		28045	7.	19	1150		1.50	15			
16 03 75 1430			.3		28083		28							1.30
14 04 75 1520			.3		28113	5.	17	1020		1.10	20			
19 05 75 1310			.3		28150	7.	39	930		0.40	10			
15 06 75 1600			.3		28178	19.	18	294		0.52	10			
18 08 75 1420			.3		28243		11		1490.	0.40	15			
22 09 75 1410			.3		28276	2.	2		1290.	1.00	10			
20 10 75 1350			.3		28305	7.	8		1430.	1.00	20			
27 11 75 0800			.3		28345	9.	10				30			
15 12 75 1220			.3		28370	4.	15			1.90	50			
MAXIMUM						19.	39	1190	1490.	1.90	50			1.30
AVG OR GEOM MN (*)						8.	17	917	1403.	1.08	19D			1.30
MINIMUM						2.	2	294	1290.	0.40	5			1.30
NO OF SAMPLES						9	11	5	3	9	10			1

CONT'D

B.O.W./ SITE: BUD LAKE CREEK
SAMPLE POINT: AT HIGHWAY NO 108 BUD LAKE 22 1
STATION TYPE: RIVER

STATION ID: 14-0019-013-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

STN NO 13 LAT LONG U.T.M. 17 0373500.0 5151450.0 4 REGION 05 MILEAGE 55.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
20 01 75 1140			.3		15.	1690.	15. L	1675						
11 02 75 0900			.3		1400.	2130.	11.	2119						
16 03 75 1430			.3		1040.	1970.	8.	1962						
14 04 75 1520			.3		950.	1670.	5.	1665						
19 05 75 1310			.3		800.	1560.	5.	1555						
15 06 75 1600			.3		735.	2000.	11.	1989						
18 08 75 1420			.3		1400.	2600.	5.	2595						
22 09 75 1410			.3		205.	2251.	1.	2250						
20 10 75 1350			.3		1750.	2547.	8.	2539						
27 11 75 0800			.3				10.							
15 12 75 1220			.3			1534.	9.	1525						
MAXIMUM					1750.	2600.	15.	2595						
AVG OR GEOM MN (*)					921.	1995.	8. D	1987						
MINIMUM					15.	1534.	1.	1525						
NO OF SAMPLES					9	10	11	10						

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	65 MAG NESIUM MG/L	74 TOT. MAG NESIUM MG/L	200 MANGNESE MN MG/L	235 TOTAL MERCURY UG/L	238 TOTAL NICKEL MG/L	249 TOTAL ZINC MG/L	217 TOTAL COBALT MG/L	218 BARIUM MG/L	219 SELENIUM MG/L	361 SOLVENT EXTRBLES MG/L
20 01 75 1140			.3				0.17		0.04	0.030	0.04			
11 02 75 0900			.3				0.21		0.04	0.030	0.05			
16 03 75 1430			.3				0.22		0.04 L	0.050	0.04			
14 04 75 1520			.3				0.30		0.04	0.030	0.03			
19 05 75 1310			.3				0.20		0.02	0.010	0.03			
15 06 75 1600			.3				0.23		0.06	0.030	0.04			
18 08 75 1420			.3				0.38		0.06	0.040	0.05			
22 09 75 1410			.3				0.36		0.03	0.050	0.04			
20 10 75 1350			.3				0.34		0.03	0.050	0.02			
27 11 75 0800			.3				0.25		0.02	0.020	0.01 L			
MAXIMUM							0.38		0.06	0.050	0.05			
AVG OR GEOM MN (*)							0.27		0.04 D	0.034	0.04 D			
MINIMUM							0.17		0.02	0.010	0.01			
NO OF SAMPLES							10		10	10	10			

SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: SERPENT RIVER
SAMPLE POINT: AT PANEL MINESIDE ROAD 24 1
STATION TYPE: RIVER

STATION ID: 14-0019-014-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

STN NO 14 LAT LONG U.T.M. 17 0374060.0 5151050.0 4 REGION 05 MILEAGE 55.60

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
23 01 75 1050			.3		28023							0.0		0.2
24 02 75 1335			.3		28060							0.0		0.5
27 03 75 0825			.3		28091							0.0		0.2
28 04 75 1230			.3		28128	3						4.0		1.2
26 05 75 1115			.3		28156							20.0		0.4
16 06 75 1130			.3		28184							17.0		0.4
28 07 75 1320			.3		28221							21.5		0.4
04 09 75 0810			.3		28902							15.5		1.8
29 09 75 1240			.3		28283							14.5		0.4
02 11 75 0750			.3		28319							10.0		1.2
30 11 75 1215			.3		28348							0.0		0.6
27 12 75 1525			.3		28385							0.0		0.4
MAXIMUM												21.5		1.8
AVG OR GEOM MN (*)												8.5		0.6
MINIMUM												0.0		0.2
NO OF SAMPLES												12		12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
23 01 75 1050			.3		0.012	0.002	4.00	4.40	0.230	7.500	1.40	380	8.	7.3
24 02 75 1335			.3		0.011	0.001L	6.40	8.70	0.440	13.000	1.80	580	15.	6.6
27 03 75 0825			.3		0.010	0.001L	1.60	6.90	0.350	10.000	1.60	540	8.	8.0
28 04 75 1230			.3		0.007	0.002	4.30	4.50	0.155	6.300	1.10	360	7.	7.2
26 05 75 1115			.3		0.004	0.001L	0.95	1.90	0.104	0.100	0.62	225	4.	6.9
16 06 75 1130			.3		0.005	0.001	7.00	7.20	0.400	14.000	1.40	600	12.	7.6
28 07 75 1320			.3		0.001	0.001	7.90	8.50	0.280	19.000	1.00	930	15.	7.6
04 09 75 0810			.3		0.004	0.001	9.00	9.10	0.300	25.000	0.85	1280	21.	7.0
29 09 75 1240			.3		0.005	0.001L	15.00	16.00	1.500	36.000	1.50	1550	28.	7.3
02 11 75 0750			.3		0.007	0.001	24.00	29.00	2.400	60.000	1.20	1800	32.	7.2
30 11 75 1215			.3		0.009	0.001L	16.00	17.00	1.900	1.600	1.60	1280	23.	7.4
27 12 75 1525			.3		0.004	0.001	2.60	2.70	0.220	4.400	1.30	250	4.	7.3
MAXIMUM					0.012	0.002	24.00	29.00	2.400	60.000	1.80	1800	32.	8.0
AVG OR GEOM MN (*)					0.007	0.001D	8.23	9.66	0.690	16.408	1.28	815	14.	7.3
MINIMUM					0.001	0.001	0.95	1.90	0.104	0.100	0.62	225	4.	6.6
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
23 01 75 1050			.3		28023	3.	7	126		0.15	5L			
24 02 75 1335			.3		28060	7.	12	204		0.20	5			
27 03 75 0825			.3		28091	2.	19	196		0.20	5			
28 04 75 1230			.3		28128	3.	12	14		0.10	5			
26 05 75 1115			.3		28156	3.	8	84		0.05L	10			
16 06 75 1130			.3		28184	4.	12	268		0.12	10			
28 07 75 1320			.3		28221	3.	13		405.	0.10	5			
04 09 75 0810			.3		28902	6.	12		591.	0.09	5			
29 09 75 1240			.3		28283	4.	14		740.	0.10	5L			
02 11 75 0750			.3		28319	7.	19		818.	0.09	5			
30 11 75 1215			.3		28348	6.	20		539.	0.10	10			
27 12 75 1525			.3		28385	2.	11		87.	0.06	5L			
MAXIMUM						7.	20	268	818.	0.20	10			
AVG OR GEOM MN (*)						4.	13	149	530.	0.11D	6D			
MINIMUM						2.	7	14	87.	0.05	5			
NO OF SAMPLES						12	12	6	6	12	12			

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                                                                                                   STATION ID:  14-0019-014-02
B.O.W./ SITE: SERPENT RIVER
SAMPLE POINT: AT PANEL MINESIDE ROAD  24 1                                                            STORET CODE: 02
STATION TYPE: RIVER                                 MAJOR BASIN: GREAT LAKES                                       002
                                                    MINOR BASIN: LAKE HURON                                        8040
                                                    TERM STREAM: SERPENT RIVER

STN NO     14      LAT               LONG           U.T.M. 17 0374060.0 5151050.0 4     REGION 05          MILEAGE   55.60

                                      59        5         6        7       107        67        66       45       47        41
SAMP DTE HOUR  STN  STN SAMP  PJ  SULPHATE    TOTAL     SUSP.    DISS.    DISS.   PTSSIUM    SODIUM   TOT C   ORGANIC      COD
DY MO YR LMT   DIST BRG DEPTH                SOLIDS    SOLIDS   SOLIDS   SOLIDS         K        NA   AS C    C AS C
               FEET       MTRS       MG/L      MG/L      MG/L     MG/L     MG/L      MG/L      MG/L   MG/L      MG/L      MG/L

23 01 75 1050              .3        115.      220.      15. L     205
24 02 75 1335              .3        145.      370.      1.        369
27 03 75 0825              .3        160.      390.      4.        386
28 04 75 1230              .3         15.      237.      3.                234
26 05 75 1115              .3          7.      146.      0.                146
16 06 75 1130              .3        260.      510.      3.        507
28 07 75 1320              .3        375.     1092.      1. L     1091
04 09 75 0810              .3        520.     1102.      2.       1100
29 09 75 1240              .3        800.     1386.      6.       1380
02 11 75 0750              .3                 1608.      2.       1606
30 11 75 1215              .3        530.     1050.      3.       1047
27 12 75 1525              .3         80.      164.      1.                163


                     MAXIMUM         800.     1608.      15.      1606     234
         AVG OR GEOM MN (*)          273.      689.       3. D     855     181
                     MINIMUM           7.      146.      0.        205     146

             NO OF SAMPLES             11        12       12         9       3



                                     65        74       200      235      238       249       217      218      219       361
SAMP DTE HOUR  STN  STN SAMP  PJ    MAG  TOT. MAG  MANGNESE    TOTAL    TOTAL     TOTAL     TOTAL   BARIUM  SELENIUM   SOLVENT
DY MO YR LMT   DIST BRG DEPTH    NESIUM    NESIUM        MN  MERCURY   NICKEL      ZINC    COBALT     MG/L      MG/L  EXTRBLES
               FEET       MTRS     MG/L      MG/L      MG/L     UG/L     MG/L      MG/L      MG/L                         MG/L

23 01 75 1050              .3                         0.06
24 02 75 1335              .3                         0.05
27 03 75 0825              .3                         0.04 L
28 04 75 1230              .3                         0.04
26 05 75 1115              .3                         0.04 L
16 06 75 1130              .3                         0.03
28 07 75 1320              .3                         0.04 L
04 09 75 0810              .3                         0.05
29 09 75 1240              .3                         0.04
30 11 75 1215              .3                         0.05              0.02    0.010L    0.01 L
27 12 75 1525              .3                         0.03


                     MAXIMUM                          0.06              0.02    0.010     0.01
         AVG OR GEOM MN (*)                           0.04 D            0.02    0.010D    0.01 D
                     MINIMUM                          0.03              0.02    0.010     0.01

             NO OF SAMPLES                             11                  1        1         1
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SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

B.O.W./ SITE: STOLLERY LAKE
SAMPLE POINT: STOLLERY LAKE AT DENISON DAM 21 4
STATION TYPE: INDUSTRIAL PROCESS

STATION ID: 14-0019-017-09

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

STN NO 17   LAT   LONG   U.T.M. 17 0374500.0 5149100.0 4   REGION 05   MILEAGE 57.50

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
20 01 75	1015			.3		28015							0.0		1.2
10 02 75	1530			.3		28043							0.0		2.2
16 03 75	1345			.3		28081							0.0		1.0
14 04 75	1415			.3		28111							0.0		1.9
19 05 75	1225			.3		28148							17.0		0.8
15 06 75	1515			.3		28176							17.0		2.2
18 08 75	1330			.3		28241							21.5		1.2
22 09 75	1315			.3		28274							13.5		2.2
20 10 75	1255			.3		28303							9.0		0.6
26 11 75	0730			.3		28340							0.0		0.4
15 12 75	1130			.3		28368							1.5		1.4
MAXIMUM													21.5		2.2
AVG OR GEOM MN (*)													7.2		1.4
MINIMUM													0.0		0.4
NO OF SAMPLES													11		11

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
20 01 75	1015			.3		0.040	0.001	60.00	65.00	3.700	93.000	12.00	2800	50.	7.2
10 02 75	1530			.3		0.011	0.005	7.50	68.00	3.100	80.000	14.00	2950	54.	8.6
16 03 75	1345			.3		0.023	0.004	67.00	67.00	3.300	77.000	3.10	2956	64.	9.0
14 04 75	1415			.3		0.100		64.00	87.00	2.200	85.000	25.00	3300	52.	9.4
19 05 75	1225			.3		0.025	0.005	46.00	48.00	2.300	42.000	2.50	2600	32.	8.3
15 06 75	1515			.3		0.090	0.005	41.00	44.00	5.600	41.000	9.40	2700	42.	6.5
18 08 75	1330			.3		0.012	0.001	32.00	33.00	7.000	65.000	3.00	2950	48.	8.2
22 09 75	1315			.3		0.019	0.001L	31.00	31.00	7.800	80.000	5.40	2600	48.	8.3
20 10 75	1255			.3		0.021		43.00	45.00	8.100	52.000	4.40	3150	49.	8.1
26 11 75	0730			.3			0.015	43.00	47.00	6.000	78.000	7.50	3200	48.	8.5
15 12 75	1130			.3		0.021		59.00	59.00	4.800	85.000	28.00	3200	47.	8.9
MAXIMUM						0.100	0.015	67.00	87.00	8.100	93.000	28.00	3300	64.	9.4
AVG OR GEOM MN (*)						0.036	0.005D	44.86	54.00	4.900	70.727	10.39	2946	48.	8.3
MINIMUM						0.011	0.001	7.50	31.00	2.200	41.000	2.50	2600	32.	6.5
NO OF SAMPLES						10	8	11	11	11	11	11	11	11	11

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
20 01 75	1015			.3		28015	20.	18	1440		1.60	5L			
10 02 75	1530			.3		28043	0.	46	1380		0.60	15			
16 03 75	1345			.3		28081		94							0.62
14 04 75	1415			.3		28111	0.	43	1490		0.05	5			
19 05 75	1225			.3		28148	0.	1L	130		0.35	20			
15 06 75	1515			.3		28176	32.	1L	378		0.38	20			
18 08 75	1330			.3		28241		22		1540.	0.05L	10			
22 09 75	1315			.3		28274	6.	19		1480.	1.50	5			
20 10 75	1255			.3		28303	4.	20		1470.	0.05L	5			
26 11 75	0730			.3		28340	0.	16			0.36	10			
15 12 75	1130			.3		28368	0.	30			0.05L	5			
MAXIMUM							32.	94	1490	1540.	1.60	20			0.62
AVG OR GEOM MN (*)							6.	28D	964	1496.	0.50D	10D			0.62
MINIMUM							0.	1	130	1470.	0.05	5			0.62
NO OF SAMPLES							9	11	5	3	10	10			1

CONT'D

B.O.W./ SITE: STOLLERY LAKE
SAMPLE POINT: STOLLERY LAKE AT DENISON DAM 21 4
STATION TYPE: INDUSTRIAL PROCESS

STATION ID: 14-0019-017-09

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

STN NO 17 LAT LONG U.T.M. 17 0374500.0 5149100.0 4 REGION 05 MILEAGE 57.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
20 01 75 1015			.3		1200.	2680.	15. L	2665						
10 02 75 1530			.3		1600.	2850.	28.	2822						
16 03 75 1345			.3		1275.	2770.	9.	2761						
14 04 75 1415			.3		1450.	2750.	10.	2740						
19 05 75 1225			.3		1225.	2330.	11.	2319						
15 06 75 1515			.3		920.	2840.	70.	2770						
18 08 75 1330			.3		1600.	5066.	5.	5061						
22 09 75 1315			.3		220.	2677.								
20 10 75 1255			.3		1950.	2744.	16.	2728						
26 11 75 0730			.3		1750.	2802.	11.	2791						
15 12 75 1130			.3			2681.	5.	2676						
MAXIMUM					1950.	5066.	70.	5061						
AVG OR GEOM MN (*)					1319.	2926.	18. D	2933						
MINIMUM					220.	2330.	5.	2319						
NO OF SAMPLES					10	11	10	10						

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	65 MAG NESIUM MG/L	74 TOT. MAG NESIUM MG/L	200 MANGNESE MN MG/L	235 TOTAL MERCURY UG/L	238 TOTAL NICKEL MG/L	249 TOTAL ZINC MG/L	217 TOTAL COBALT MG/L	218 BARIUM MG/L	219 SELENIUM MG/L	361 SOLVENT EXTRBLES MG/L
20 01 75 1015			.3				0.33		0.06	0.040	0.04			
10 02 75 1530			.3				0.25		0.05	0.030	0.05			
16 03 75 1345			.3				0.05		0.04 L	0.030L	0.04			
14 04 75 1415			.3				0.10		0.03	0.010L	0.02			
19 05 75 1225			.3				0.06		0.02	0.010L	0.03			
15 06 75 1515			.3				0.07		0.06	0.030	0.03			
18 08 75 1330			.3				0.07		0.22	0.200	0.05			
22 09 75 1315			.3				0.05		0.02 L	0.010L	0.02 L			
20 10 75 1255			.3				0.07		0.01 L	0.010	0.01 L			
26 11 75 0730			.3				0.07		0.01	0.010	0.01 L			
15 12 75 1130			.3				0.10		0.01 L	0.010	0.01 L			
MAXIMUM							0.33		0.22	0.200	0.05			
AVG OR GEOM MN (*)							0.11		0.05 D	0.035D	0.03 D			
MINIMUM							0.05		0.01	0.010	0.01			
NO OF SAMPLES							11		11	11	11			

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SAMPLE INFORMATION SYSTEM        STATION SUMMARY REPORT - RIVER BASINS                          DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: LONG LAKE OUTLET                                                                   STATION ID:  14-0019-018-09
 SAMPLE POINT: LONG LAKE OUTLET AT BARIUM TREATMENT 20  1
 STATION TYPE: INDUSTRIAL PROCESS                              MAJOR BASIN: GREAT LAKES                              STORET CODE: 02
                                                               MINOR BASIN: LAKE HURON                                            002
                                                               TERM STREAM: SERPENT RIVER                                         8040

STN NO     18       LAT                 LONG                  U.T.M. 17 0374450.0 5148700.0 4      REGION 05              MILEAGE   57.70

                                            934        901        444         80         81         84         88        805          3          1
SAMP DTE HOUR  STN  STN SAMP  PJ         SAMPLE        SCD  FLOW CFS      TOTAL      FECAL       M.F.     PSEUD.      WATER      DISS.      5-DAY
DY MO YR LMT   DIST BRG DEPTH                NO                       COLIFORM   COLIFORM     ENTER.        MPA      TEMP.         O2        BOD
               FEET      MTRS                                         MF/100ML   MF/100ML   MF/100ML   MF/100ML      DEG C       MG/L       MG/L

20 01 75 1100              .3             28016                                                                       0.0                   2.4
10 02 75 1550              .3             28044                                                                       0.0                   2.2
16 03 75 1410              .3             28082                                                                       0.0                   1.2
14 04 75 1430              .3             28112                                                                       0.0                   2.4
19 05 75 1245              .3             28149                                                                      18.0                   0.8
15 06 75 1530              .3             28177                                                                      17.0                   0.8
18 08 75 1345              .3             28242                                                                      20.5                   1.2
22 09 75 1345              .3             28275                                                                      13.5                   1.2
20 10 75 1310              .3             28304                                                                       8.0                   0.8
26 11 75 0800              .3             28341                                                                       0.0                   2.8
15 12 75 1200              .3             28369                                                                       1.5                   2.6


                      MAXIMUM                                                                                        20.5                   2.8
            AVG OR GEOM MN (*)                                                                                        7.1                   1.7
                      MINIMUM                                                                                         0.0                   0.8

                NO OF SAMPLES                                                                                          11                    11


                                             33         34         19         20         21         22         16         14         56         55
SAMP DTE HOUR  STN  STN SAMP  PJ          TOTAL   FILTERED   FILTERED      TOTAL    NITRITE    NITRATE      TURB.      COND.   CHLORIDE         PH
DY MO YR LMT   DIST BRG DEPTH                 P   REACTIVE    AMMONIA   KJELDAHL      NO2-N      NO3-N   FORMAZIN        25C       MG/L     AT LAB
               FEET      MTRS              MG/L     P MG/L       MG/L       MG/L       MG/L       MG/L      UNITS      UMHOS

20 01 75 1100              .3             0.025     0.001L      40.00      52.00      2.200     69.000      12.00       2400        46.        8.2
10 02 75 1550              .3             0.015     0.011       10.00      73.00      3.400     91.000      12.00       2900        49.        9.2
16 03 75 1410              .3             0.045     0.004       76.00      83.00      2.000     81.000       3.10       2999        71.       10.0
14 04 75 1430              .3             0.050                 44.00      61.00      0.980     41.000       9.00       2200        44.        8.6
19 05 75 1245              .3             0.050     0.005       60.00      64.00      4.300     28.000       4.30       2950        40.        8.1
15 06 75 1530              .3             0.093     0.001L       1.50      47.00      8.100     88.000       4.50       2950        50.        8.8
18 08 75 1345              .3             0.048     0.009       23.00       9.20      7.800     56.000       4.50       2650        51.        8.8
22 09 75 1345              .3             0.049     0.001L      39.00      44.00     10.000     79.000       4.50       2800        37.        8.5
20 10 75 1310              .3             0.050                            61.00                                      3400        46.        8.7
26 11 75 0800              .3             0.062     0.010                  84.00                             2.80       2750                   9.5
15 12 75 1200              .3             0.023                 55.00      67.00      2.000     81.000       0.95       2700        49.        9.5


                      MAXIMUM             0.093     0.011       76.00      84.00     10.000     91.000      12.00       3400        71.       10.0
            AVG OR GEOM MN (*)            0.046     0.005D      38.72      58.66      4.531     68.222       5.77       2791        48.        8.9
                      MINIMUM             0.015     0.001        1.50       9.20      0.980     28.000       0.95       2200        37.        8.1

                NO OF SAMPLES                11          8          9         11          9          9         10         11         10         11



                                            934         95         52         50         76         61         68         25         60        280
SAMP DTE HOUR  STN  STN SAMP  PJ         SAMPLE    ACIDITY    TOT ALK   HARDNESS     CALCUL      TOTAL     COLOUR    PHENOLS              REACTIVE
DY MO YR LMT   DIST BRG DEPTH                NO       MG/L     AT LAB      CACO3   HARDNESS       IRON      HAZEN              FLUORIDE   SILICATE
               FEET      MTRS                                    MG/L       MG/L       MG/L       MG/L      UNITS       UG/L       MG/L    SI MG/L

20 01 75 1100              .3             28016         7.         30       1120                  3.00         5L
10 02 75 1550              .3             28044         0.         83       1400                  0.85          5
16 03 75 1410              .3             28082                   132                                                                        0.38
14 04 75 1430              .3             28112         0.         31        970                  2.70         30
19 05 75 1245              .3             28149         0.         65        161                 17.00        70G
15 06 75 1530              .3             28177         0.         63       1620                  0.50         15
18 08 75 1345              .3             28242         0.         45                  1390.    140.00         20
22 09 75 1345              .3             28275         0.          8                  1400.      0.24
20 10 75 1310              .3             28304         0.          9                  1330.      0.17          5
26 11 75 0800              .3             28341         0.        149                                        10
15 12 75 1200              .3             28369         0.        124                  1269.      0.05L         5


                      MAXIMUM                           7.        149       1620       1400.    140.00         70                              0.38
            AVG OR GEOM MN (*)                          0.         67       1054       1347.     18.28D        18                              0.38
                      MINIMUM                           0.          8        161       1269.      0.05          5                              0.38

                NO OF SAMPLES                           10         11          5          4          9          9                                 1
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CONT'D

B.O.W./ SITE: LONG LAKE OUTLET
SAMPLE POINT: LONG LAKE OUTLET AT BARIUM TREATMENT 20 1
STATION TYPE: INDUSTRIAL PROCESS

STATION ID: 14-0019-018-09

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

STN NO 18 LAT LONG U.T.M. 17 0374450.0 5148700.0 4 REGION 05 MILEAGE 57.70

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
20 01 75	1100			.3		820.	2120.	15. L	2105						
10 02 75	1550			.3		2000.	1500.	9.	1491						
16 03 75	1410			.3		1350.	2750.	9.	2741						
14 04 75	1430			.3		1150.	1730.	8.	1722						
19 05 75	1245			.3		1600.	2740.	51.	2689						
15 06 75	1530			.3		1250.	3120.	34.	3086						
18 08 75	1345			.3			2623.	48.	2575						
22 09 75	1345			.3		3100.		64.							
20 10 75	1310			.3			2957.	10.	2947						
26 11 75	0800			.3											
15 12 75	1200			.3		1500.	2450.	2.	2448						
MAXIMUM						3100.	3120.	64.	3086						
AVG OR GEOM MN (*)						1596.	2443.	25. D	2423						
MINIMUM						820.	1500.	2.	1491						
NO OF SAMPLES						8	9	10	9						

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	65 MAG NESIUM MG/L	74 TOT. MAG NESIUM MG/L	200 MANGNESE MN MG/L	235 TOTAL MERCURY UG/L	238 TOTAL NICKEL MG/L	249 TOTAL ZINC MG/L	217 TOTAL COBALT MG/L	218 BARIUM MG/L	219 SELENIUM MG/L	361 SOLVENT EXTRBLES MG/L
20 01 75	1100			.3				0.35							
10 02 75	1550			.3				0.17							
16 03 75	1410			.3				0.17							
14 04 75	1430			.3				0.29							
19 05 75	1245			.3				0.06							
15 06 75	1530			.3				0.02							
22 09 75	1345			.3				0.06							
20 10 75	1310			.3				0.08							
26 11 75	0800			.3				0.12		0.01	0.020	0.01 L			
15 12 75	1200			.3				0.06							
MAXIMUM								0.35		0.01	0.020	0.01			
AVG OR GEOM MN (*)								0.14		0.01	0.020	0.01 D			
MINIMUM								0.02		0.01	0.020	0.01			
NO OF SAMPLES								10		1	1	1			

SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

B.O.W./ SITE: DUNLOP LAKE OUTLET
SAMPLE POINT: AT OUTLET OF DUNLOP LAKE 18 2
STATION TYPE: RIVER

STATION ID: 14-0019-019-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

STN NO 19   LAT   LONG   U.T.M. 17 0373450.0 5148600.0 4   REGION 05   MILEAGE 58.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
23 01 75 1105			.3		28024							0.0	18.0	0.2
24 02 75 1415			.3		28061			8.	1.	1.		0.0	8.5	0.5
27 03 75 0850			.3		28092							0.0	6.5	0.2
28 04 75 1245			.3		28129	3		1.	1.	1.		3.0	12.5	0.8
26 05 75 1135			.3		28157			456.	1.	1.		17.5	9.0	0.4
16 06 75 1145			.3		28185			64.	1.	1.		17.5	9.0	0.2
28 07 75 1335			.3		28222			40.	4.	4.		23.0	8.5	0.4
04 09 75 0825			.3		28903			30.	20.	1.		16.0	8.0	2.0
29 09 75 1215			.3		28284			48.	1.	1.		16.0	9.5	0.4
02 11 75 0800			.3		28320			1.	1.	1.		7.0	8.0	1.0
30 11 75 1230			.3		28349							0.0	12.0	0.6
27 12 75 1550			.3		28386							1.5	7.0	0.4
MAXIMUM								456.	20.	4.		23.0	18.0	2.0
AVG OR GEOM MN (*)								18.*	2.*	1.*		8.5	9.7	0.6
MINIMUM								1.	1.	1.		0.0	6.5	0.2
NO OF SAMPLES								8	8	8		12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
23 01 75 1105			.3		0.002	0.002	0.03	0.42	0.002	0.150	0.86	37	7.	7.7
24 02 75 1415			.3		0.006	0.002	0.05	0.26	0.003	0.240	0.87	41	0.	6.8
27 03 75 0850			.3		0.001	0.001L	0.02	0.23	0.002	0.060	0.90	485	1.	6.8
28 04 75 1245			.3		0.004	0.001	0.06	0.23	0.002	0.170	0.30	470	1.	6.9
26 05 75 1135			.3		0.003	0.001L	0.01	0.19	0.003	0.090	0.50	40	1.	7.4
16 06 75 1145			.3		0.001	0.001	0.02	0.26	0.003	0.010L	0.60	82	1.	7.7
28 07 75 1335			.3		0.003	0.003	0.01	0.28	0.001	0.020	0.85	32	1.	7.6
04 09 75 0825			.3		0.009	0.001	0.03	0.33	0.003	0.060	1.90	34	1.	7.7
29 09 75 1215			.3		0.002	0.001	0.02	0.42	0.004	0.080	0.85	70	1.	7.7
02 11 75 0800			.3		0.004	0.001	0.03	0.46	0.008	0.090	0.64		1.	7.4
30 11 75 1230			.3		0.005	0.001	0.02	0.34	0.004	0.050	1.50	85	0.	7.0
27 12 75 1550			.3		0.003	0.002	0.02	0.21	0.002	0.040	0.75	43	1.	7.4
MAXIMUM					0.009	0.003	0.06	0.46	0.008	0.240	1.90	485	7.	7.7
AVG OR GEOM MN (*)					0.004	0.001D	0.03	0.30	0.003	0.088D	0.88	129	1.	7.3
MINIMUM					0.001	0.001	0.01	0.19	0.001	0.010	0.30	32	0.	6.8
NO OF SAMPLES					12	12	12	12	12	12	12	11	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
23 01 75 1105			.3		28024	2.	9	13		0.05L	5L			
24 02 75 1415			.3		28061	2.	6	12		0.05	5L			
27 03 75 0850			.3		28092	3.	9	15		0.05	5			
28 04 75 1245			.3		28129	2.	9	12		0.05L	5			
26 05 75 1135			.3		28157	2.	10	14		0.05L	10			
16 06 75 1145			.3		28185	5.	7	14		0.08	10			
28 07 75 1335			.3		28222	2.	8		11.	0.10	5			
04 09 75 0825			.3		28903	2.	7		13.	0.19	5			
29 09 75 1215			.3		28284	1.	5		12.	0.10	5L			
02 11 75 0800			.3		28320	1.	7		15.	0.07	5L			
30 11 75 1230			.3		28349	3.	7		15.	0.15	10			
27 12 75 1550			.3		28386	2.	8		13.	0.05L	5L			
MAXIMUM						5.	10	15	15.	0.19	10			
AVG OR GEOM MN (*)						2.	8	13	13.	0.08D	6D			
MINIMUM						1.	5	12	11.	0.05	5			
NO OF SAMPLES						12	12	6	6	12	12			

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 B.O.W./ SITE: DUNLOP LAKE OUTLET                                                               STATION ID:  14-0019-019-02
 SAMPLE POINT: AT OUTLET OF DUNLOP LAKE  18 2
 STATION TYPE: RIVER                                    MAJOR BASIN: GREAT LAKES                                      STORET CODE: 02
                                                        MINOR BASIN: LAKE HURON                                                    002
                                                        TERM STREAM: SERPENT RIVER                                                 8040

STN NO    19      LAT               LONG                 U.T.M. 17 0373450.0 5148600.0 4     REGION 05             MILEAGE    58.00

                                      59         5         6         7       107        67        66        45        47        41
SAMP DTE HOUR  STN  STN SAMP  PJ  SULPHATE     TOTAL     SUSP.     DISS.     DISS.   PTSSIUM    SODIUM     TOT C   ORGANIC       COD
DY MO YR LMT   DIST BRG DEPTH                 SOLIDS    SOLIDS    SOLIDS    SOLIDS         K        NA      AS C    C AS C
               FEET      MTRS         MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

23 01 75 1105              .3        11.       26.       15. L       11
24 02 75 1415              .3         7.       20.        1.         19
27 03 75 0850              .3         7.      360.        1.        359
28 04 75 1245              .3         7.      310.        1.        309
26 05 75 1135              .3         8.       27.        1.                   26
16 06 75 1145              .3         5.       53.        1.                   52
28 07 75 1335              .3                  24.        2.                   22
04 09 75 0825              .3         9.       51.       14.                   37
29 09 75 1215              .3        10.       52.        6.                   46
02 11 75 0800              .3                             1.
30 11 75 1230              .3         7.       60.        5.                   55
27 12 75 1550              .3         8.       30.        1.                   29


                      MAXIMUM        11.      360.       15.        359        55
           AVG OR GEOM MN (*)         7.       92.        4. D      175        38
                      MINIMUM         5.       20.        1.         11        22

                NO OF SAMPLES          10        11        12         4         7




                                      65        74       200       235       238       249       217       218       219       361
SAMP DTE HOUR  STN  STN SAMP  PJ       MAG  TOT. MAG  MANGNESE     TOTAL     TOTAL     TOTAL     TOTAL    BARIUM  SELENIUM   SOLVENT
DY MO YR LMT   DIST BRG DEPTH       NESIUM    NESIUM        MN   MERCURY    NICKEL      ZINC    COBALT      MG/L      MG/L  EXTRBLES
               FEET      MTRS         MG/L      MG/L      MG/L      UG/L      MG/L      MG/L      MG/L                          MG/L

23 01 75 1105              .3                           0.03
24 02 75 1415              .3                           0.02
27 03 75 0850              .3                           0.04 L
28 04 75 1245              .3                           0.04 L
26 05 75 1135              .3                           0.04 L
16 06 75 1145              .3                           0.02 L
28 07 75 1335              .3                           0.04 L
04 09 75 0825              .3                           0.03
29 09 75 1215              .3                           0.02
30 11 75 1230              .3                           0.04                0.01 L    0.010L    0.01 L
27 12 75 1550              .3                           0.03


                      MAXIMUM                           0.04                0.01      0.010     0.01
           AVG OR GEOM MN (*)                           0.03 D              0.01 D    0.010D    0.01 D
                      MINIMUM                           0.02                0.01      0.010     0.01

                NO OF SAMPLES                              11                   1         1         1
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SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: CREEK
SAMPLE POINT: NEW DAM OVERFLOW STANROCK 32 3
STATION TYPE: RIVER

STATION ID: 14-0019-020-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

STN NO 20 LAT LONG U.T.M. 17 0383550.0 5146325.0 4 REGION 05 MILEAGE 53.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
13 01 75 1230			.3		28013							0.0		6.0
10 02 75 1430			.3		28041	4						0.0		12.0
21 03 75			.3		28087									14.0
14 04 75 1300			.3		28109	4						0.0		
19 05 75 1125			.3		28146							18.0		6.0
15 06 75 1425			.3		28174							18.0		8.0
18 08 75 1230			.3		28239							21.0		5.0
22 09 75 1200			.3		28272							14.0		12.0
20 10 75 1145			.3		28301							7.0		12.0
25 11 75 0730			.3		28338	4						0.0		13.0
15 12 75 1025			.3		28366	4						0.0		100.0
MAXIMUM												21.0		100.0
AVG OR GEOM MN (*)												7.8		18.8
MINIMUM												0.0		5.0
NO OF SAMPLES												10		10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
13 01 75 1230			.3				3.70	4.10	0.094		20.00	2859	17.	2.6
10 02 75 1430			.3		0.015		2.00	2.40	0.046	0.054	6.40	1800	10.	3.1
21 03 75			.3		0.076	0.070	1.00	6.80	0.140	0.010L	3.80	3100	1.	2.7
14 04 75 1300			.3		0.053		6.50	7.20	0.140	0.010L	1.40	3050	24.	2.6
19 05 75 1125			.3		0.120	0.007	2.80	5.20	0.200	11.000	3.10	1700	7.	2.6
15 06 75 1425			.3		0.030			2.40	0.051	0.010L	2.40	2300	14.	2.5
18 08 75 1230			.3		0.110	0.011	4.40	5.70	0.040	0.200	1.50	3800	15.	2.3
22 09 75 1200			.3		0.054	0.002	4.70	10.00	0.066	0.010L	2.80	3300	18.	2.4
20 10 75 1145			.3		0.095	0.040		8.80	0.520	0.010L	3.50	13000	34.	2.6
25 11 75 0730			.3			0.090	5.60		0.360	0.010L	15.00	3000	20.	2.5
15 12 75 1025			.3		0.032	0.025	1.90	2.80	0.054	0.010L	38.00	1850	11.	2.8
MAXIMUM					0.120	0.090	6.50	10.00	0.520	11.000	38.00	13000	34.	3.1
AVG OR GEOM MN (*)					0.065	0.035	3.62	5.54	0.156	1.132D	8.90	3614	15.	2.6
MINIMUM					0.015	0.002	1.00	2.40	0.040	0.010	1.40	1700	1.	2.3
NO OF SAMPLES					9	7	9	10	11	10	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
13 01 75 1230			.3		28013	2000.	0	408		390.00	280			
10 02 75 1430			.3		28041	780.	0	290		300.00	120			
21 03 75			.3		28087	2150.	1	610		550.00	250G			
14 04 75 1300			.3		28109	2450.	1L	603		600.00	250L			
19 05 75 1125			.3		28146	610.	1L	34		192.00	35			
15 06 75 1425			.3		28174	915.	1L	420		134.00	50			
18 08 75 1230			.3		28239	1370.	0		989.	760.00	70			
22 09 75 1200			.3		28272	2060.	1L		835.	480.00	70G			
20 10 75 1145			.3		28301	19.	0		853.	660.00	70G			
25 11 75 0730			.3		28338	3000.	1L		631.	470.00	70G			
15 12 75 1025			.3		28366	820.	1L		390.	130.00	70G			
MAXIMUM						3000.	1	610	989.	760.00	280			
AVG OR GEOM MN (*)						1470.	1D	394	739.	424.18	121E			
MINIMUM						19.	0	34	390.	130.00	35			
NO OF SAMPLES						11	11	6	5	11	11			

CONT'D

B.O.W./ SITE: CREEK
SAMPLE POINT: NEW DAM OVERFLOW STANROCK 32 3
STATION TYPE: RIVER

STATION ID: 14-0019-020-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM; SERPENT RIVER

STORET CODE: 02
002
8040

STN NO 20 LAT LONG U.T.M. 17 0383550.0 5146325.0 4 REGION 05 MILEAGE 53.00

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
13 01 75	1230			.3		2000.	3500.	40.	3460						
10 02 75	1430			.3		1200.	1500.	31.	1469						
21 03 75				.3		2500.	4380.	13.	4367						
14 04 75	1300			.3		2400.	4380.	2.	4378						
19 05 75	1125			.3		825.	1630.	10.	1620						
15 06 75	1425			.3		830.	2500.	7.	2493						
18 08 75	1230			.3		2500.	3020.	11.	3009						
22 09 75	1200			.3		2300.	3038.	15.	3023						
20 10 75	1145			.3		3100.	4490.	15.	4475						
25 11 75	0730			.3		3300.	3757.	35.	3722						
15 12 75	1025			.3		1200.	1771.	24.	1747						
MAXIMUM						3300.	4490.	40.	4475						
AVG OR GEOM MN (*)						2014.	3087.	18.	3069						
MINIMUM						825.	1500.	2.	1469						
NO OF SAMPLES						11	11	11	11						

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	203 TOTAL ALUMINUM MG/L	265 TOTAL ARSENIC MG/L	64 CALCIUM MG/L	72 TOTAL CALCIUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	272 SIMPLE CYANIDE MG/L	215 TOTAL CADMIUM MG/L	229 TOTAL LEAD MG/L
13 01 75	1230			.3		28013						0.54			
10 02 75	1430			.3		28041						0.23			
21 03 75				.3		28087						0.63			
14 04 75	1300			.3		28109						0.66			
19 05 75	1125			.3		28146									
15 06 75	1425			.3		28174									
18 08 75	1230			.3		28239									
22 09 75	1200			.3		28272									
20 10 75	1145			.3		28301									
25 11 75	0730			.3		28338									
15 12 75	1025			.3		28366									
MAXIMUM												0.66			
AVG OR GEOM MN (*)												0.52			
MINIMUM												0.23			
NO OF SAMPLES												4			

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	65 MAG NESIUM MG/L	74 TOT. MAG NESIUM MG/L	200 MANGNESE MN MG/L	235 TOTAL MERCURY UG/L	238 TOTAL NICKEL MG/L	249 TOTAL ZINC MG/L	217 TOTAL COBALT MG/L	218 BARIUM MG/L	219 SELENIUM MG/L	361 SOLVENT EXTRBLES MG/L
13 01 75	1230			.3				5.80		0.61	2.100	0.75			
10 02 75	1430			.3				2.60		0.21	0.900	0.28			
21 03 75				.3				5.90		0.73	2.800	1.1			
14 04 75	1300			.3				4.40		0.65	2.700	0.16			
19 05 75	1125			.3				1.30		0.22	1.200	0.31			
15 06 75	1425			.3				2.20		0.38	1.700	0.50			
18 08 75	1230			.3				2.30		0.38	2.000	0.54			
22 09 75	1200			.3				2.60		0.40	2.000	0.62			
20 10 75	1145			.3				5.60		0.62	2.800	1.0			
25 11 75	0730			.3				4.10		0.55	2.700	0.51			
15 12 75	1025			.3				2.60		0.31	1.600	0.48			
MAXIMUM								5.90		0.73	2.800	1.1			
AVG OR GEOM MN (*)								3.58		0.46	2.045	0.57			
MINIMUM								1.30		0.21	0.900	0.16			
NO OF SAMPLES								11		11	11	11			

SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: GRAVEL PIT LAKE
SAMPLE POINT: AT GRAVEL PIT LAKE DAM 22 6
STATION TYPE: RIVER

STATION ID: 14-0019-021-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

STN NO 21 LAT LONG U.T.M. 17 0370550.0 5151550.0 4 REGION 05 MILEAGE 57.50

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
20 01 75	1220			.3		28018							0.0		0.2
11 02 75	0945			.3		28046							0.0		1.0
16 03 75	1445			.3		28084							0.0		1.2
19 05 75	1345			.3		28151							18.5		0.6
15 06 75	1615			.3		28179							17.5		0.4
18 08 75	1440			.3		28244							22.0		0.6
22 09 75	1430			.3		28277							13.5		0.8
20 10 75	1410			.3		28306							9.0		0.2
27 11 75	0635			.3		28342							0.0		0.8
15 12 75	1235			.3		28371							2.0		0.4
MAXIMUM													22.0		1.2
AVG OR GEOM MN (*)													8.3		0.6
MINIMUM													0.0		0.2
NO OF SAMPLES													10		10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
20 01 75	1220			.3		0.006	0.001	0.26	0.84	0.007	0.330	1.80	60	1.	7.4
11 02 75	0945			.3		0.006	0.001	0.21	0.57	0.023	0.400	2.60	82	3.	7.2
16 03 75	1445			.3		0.013	0.004	0.41	0.48	0.014	3.800	2.00	94	1.	7.0
19 05 75	1345			.3		0.010	0.001	0.11	0.44	0.019	0.250	1.00	49	1.	7.2
15 06 75	1615			.3		0.015	0.001	0.25	0.36	0.130	0.130	1.40	56	1.	7.7
18 08 75	1440			.3		0.008	0.003	0.30	0.45	0.020L	0.200L	0.80	39		7.4
22 09 75	1430			.3		0.010	0.002	0.14	0.50	0.049	0.480	0.98	125	1.	6.5
20 10 75	1410			.3		0.005	0.001	0.04	0.45	0.020	0.110	1.40	190	1.	7.7
27 11 75	0635			.3		0.007	0.005	0.40	0.49	0.025	0.170	1.80	220	1.	6.5
15 12 75	1235			.3		0.006		0.16	0.45	0.020	0.140	1.50	50	36.	7.5
MAXIMUM						0.015	0.005	0.41	0.84	0.130	3.800	2.60	220	36.	7.7
AVG OR GEOM MN (*)						0.009	0.002	0.23	0.50	0.033D	0.601D	1.53	97	5.	7.2
MINIMUM						0.005	0.001	0.04	0.36	0.007	0.110	0.80	39	1.	6.5
NO OF SAMPLES						10	9	10	10	10	10	10	10	9	10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRCN MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 • REACTIVE SILICATE SI MG/L
20 01 75	1220			.3		28018	7.	7	16		0.90	30			
11 02 75	0945			.3		28046	3.	7	18		0.90	30			
16 03 75	1445			.3		28084		12							
19 05 75	1345			.3		28151	5.	20	16		0.30	15			0.32
15 06 75	1615			.3		28179	1.	9	14		3.40	20			
18 08 75	1440			.3		28244		8		18.	0.38	20			
22 09 75	1430			.3		28277	2.	8		19.	0.30	20			
20 10 75	1410			.3		28306	2.	9		15.	0.32	10			
27 11 75	0635			.3		28342	4.	10		22.	0.65	30			
15 12 75	1235			.3		28371	3.	8		19.	0.51	30			
MAXIMUM							7.	20	18	22.	3.40	30			0.32
AVG OR GEOM MN (*)							3.	10	16	18.	0.85	23			0.32
MINIMUM							1.	7	14	15.	0.30	10			0.32
NO OF SAMPLES							8	10	4	5	9	9			1

CONT'D

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B.O.W./ SITE: GRAVEL PIT LAKE                                                                            STATION ID:  14-0019-021-02
SAMPLE POINT: AT GRAVEL PIT LAKE DAM  22 6
STATION TYPE: RIVER                                             MAJOR BASIN: GREAT LAKES                                  STORET CODE: 02
                                                                MINOR BASIN: LAKE HURON                                                002
                                                                TERM STREAM: SERPENT RIVER                                             8040

STN NO     21       LAT               LONG               U.T.M. 17 0370550.0 5151550.0 4     REGION 05                MILEAGE   57.50

                                         59          5          6          7        107         67         66         45         47          41
SAMP DTE HOUR  STN  STN SAMP  PJ   SULPHATE      TOTAL      SUSP.      DISS.      DISS.    PTSSIUM     SODIUM      TOT C    ORGANIC         COD
DY MO YR LMT   DIST BRG DEPTH                   SOLIDS     SOLIDS     SOLIDS     SOLIDS          K         NA       AS C     C AS C
               FEET        MTRS        MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L        MG/L

20 01 75 1220                .3         12.        50.        15. L      35
11 02 75 0945                .3         11.        51.         1.                   50
16 03 75 1445                .3         10.        64.         3.                   61
19 05 75 1345                .3          8.        36.         4.                   32
15 06 75 1615                .3          8.        42.         6.                   36
18 08 75 1440                .3         10.        27.         1.                   26
22 09 75 1430                .3         15.       117.        18.                   99
20 10 75 1410                .3         11.       126.         2.                  124
27 11 75 0635                .3         16.       144.         1.                  143
15 12 75 1235                .3          7.        35.         2.                   33


                        MAXIMUM         16.       144.        18.        35        143
             AVG OR GEOM MN (*)         10.        69.         5. D      35         67
                        MINIMUM          7.        27.         1.        35         26

                  NO OF SAMPLES          10         10         10          1          9



                                         65         74        200        235        238        249        217        218        219         361
SAMP DTE HOUR  STN  STN SAMP  PJ        MAG  TOT. MAG   MANGNESE      TOTAL      TOTAL      TOTAL      TOTAL     BARIUM   SELENIUM     SOLVENT
DY MO YR LMT   DIST BRG DEPTH        NESIUM     NESIUM         MN    MERCURY     NICKEL       ZINC     COBALT       MG/L       MG/L    EXTRBLES
               FEET        MTRS        MG/L       MG/L       MG/L       UG/L       MG/L       MG/L       MG/L                               MG/L

20 01 75 1220                .3                             0.14                  0.04 L     0.030L     0.04 L
11 02 75 0945                .3                             0.19                  0.04 L     0.030L     0.04 L
16 03 75 1445                .3                             0.13                  0.04 L     0.030L     0.04 L
19 05 75 1345                .3                             0.09                  0.02 L     0.020      0.02 L
15 06 75 1615                .3                             0.03                  0.02       0.010L     0.02 L
18 08 75 1440                .3                             0.05                  0.02 L     0.010L     0.02 L
22 09 75 1430                .3                             0.08                  0.02 L     0.030      0.02 L
20 10 75 1410                .3                             0.10                  0.01 L     0.010L     0.01 L
27 11 75 0635                .3                             0.18                  0.01 L     0.010L     0.01 L


                        MAXIMUM                             0.19                  0.04       0.030      0.04
             AVG OR GEOM MN (*)                             0.11                  0.02 D     0.020D     0.02 D
                        MINIMUM                             0.03                  0.01       0.010      0.01

                  NO OF SAMPLES                                9                     9          9          9
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SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS

DATE OF REPORT 28 OCT 77

B.O.W./ SITE: BUD LAKE CONTROL
SAMPLE POINT: WEST END OF BUD LAKE TAILINGS 22 4
STATION TYPE: LAKE

STATION ID: 14-0019-022-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

STN NO 22 LAT LONG U.T.M. 17 0370375.0 5150900.0 4 REGION 05 MILEAGE 57.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
20 01 75 1300			.3		28019							0.0		0.2
11 02 75 1015			.3		28047							0.0		0.8
16 03 75 1510			.3		28085	4						0.0		5.6
19 05 75 1400			.3		28152							16.5		0.2
15 06 75 1630			.3		28180							17.5		0.6
18 08 75 1450			.3		28245							22.5		0.4
22 09 75 1500			.3		28278							14.5		0.6
20 10 75 1425			.3		28307							9.5		0.2
27 11 75 0700			.3		28343	4						0.0		1.0
15 12 75 1255			.3		28372							2.5		0.6
MAXIMUM												22.5		5.6
AVG OR GEOM MN (*)												8.3		1.0
MINIMUM												0.0		0.2
NO OF SAMPLES												10		10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
20 01 75 1300			.3		0.018	0.002	0.09	0.82	0.007	0.170	1.60	60	2.	7.3
11 02 75 1015			.3		0.007	0.001	0.11	0.34	0.005	1.600	3.00	56	1.	7.2
16 03 75 1510			.3		0.100	0.005	0.10	1.00	0.006	0.190	6.50	50	1.	7.0
19 05 75 1400			.3		0.006	0.002	0.03	0.22	0.006	0.070	1.10	38	1.	7.0
15 06 75 1630			.3		0.019	0.001	0.10	0.32	0.017	0.030	1.20	40	1.	7.9
18 08 75 1450			.3		0.010	0.003	0.03	0.30	0.010	0.200	0.70	40		7.4
22 09 75 1500			.3		0.003	0.002	0.06	0.27	0.024	0.200	0.80	37	1.	6.7
20 10 75 1425			.3		0.007			0.30				135	1.	7.6
27 11 75 0700			.3		0.027	0.005	0.20	0.50	0.015	0.080	5.50	58	1.	7.0
15 12 75 1255			.3		0.007		0.12	0.35	0.011	0.110	1.60	55	1.	7.3
MAXIMUM					0.100	0.005	0.20	1.00	0.024	1.600	6.50	135	2.	7.9
AVG OR GEOM MN (*)					0.020	0.003	0.09	0.44	0.011	0.294	2.44	57	1.	7.2
MINIMUM					0.003	0.001	0.03	0.22	0.005	0.030	0.70	37	1.	6.7
NO OF SAMPLES					10	8	9	10	9	9	9	10	9	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
20 01 75 1300			.3		28019	4.	8	15		0.65	30			
11 02 75 1015			.3		28047	3.	11	16		0.65	15			
16 03 75 1510			.3		28085		10							
19 05 75 1400			.3		28152	5.	7	14		0.15	15			2.60
15 06 75 1630			.3		28180	1.	11	13		0.50	10			
18 08 75 1450			.3		28245		8		15.	0.29	20			
22 09 75 1500			.3		28278	2.	8		14.	0.20	15			
20 10 75 1425			.3		28307	5.	8		11.	0.25	10			
27 11 75 0700			.3		28343	4.	9		19.	1.30	30			
15 12 75 1255			.3		28372	3.	7		14.	0.41	30			
MAXIMUM						5.	11	16	19.	1.30	30			2.60
AVG OR GEOM MN (*)						3.	9	15	14.	0.49	19			2.60
MINIMUM						1.	7	13	11.	0.15	10			2.60
NO OF SAMPLES						8	10	4	5	9	9			1

CONT'D

B.O.W./ SITE: BUD LAKE CONTROL
SAMPLE POINT: WEST END OF BUD LAKE TAILINGS 22 4
STATION TYPE: LAKE

STATION ID: 14-0019-022-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

STN NO 22 LAT LONG U.T.M. 17 0370375.0 5150900.0 4 REGION 05 MILEAGE 57.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
20 01 75 1300			.3		30.	60.	15. L	45						
11 02 75 1015			.3		18.	38.	3.		35					
16 03 75 1510			.3		10.	171.	138.		33					
19 05 75 1400			.3		9.	28.	3.		25					
15 06 75 1630			.3		8.	34.	8.		26					
18 08 75 1450			.3		9.	31.	5.	26						
22 09 75 1500			.3		13.	32.	8.		24					
20 10 75 1425			.3		12.	90.	2.		88					
27 11 75 0700			.3		12.	63.	24.		39					
15 12 75 1255			.3		5.	37.	1.		36					
MAXIMUM					30.	171.	138.	45	88					
AVG OR GEOM MN (*)					12.	58.	20. D	36	38					
MINIMUM					5.	28.	1.	26	24					
NO OF SAMPLES					10	10	10	2	8					

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	65 MAG NESIUM MG/L	74 TOT. MAG NESIUM MG/L	200 MANGNESE MN MG/L	235 TOTAL MERCURY UG/L	238 TOTAL NICKEL MG/L	249 TOTAL ZINC MG/L	217 TOTAL COBALT MG/L	218 BARIUM MG/L	219 SELENIUM MG/L	361 SOLVENT EXTRBLES MG/L
20 01 75 1300			.3				0.12		0.04 L	0.030L	0.04 L			
11 02 75 1015			.3				0.27		0.04 L	0.030L	0.04 L			
16 03 75 1510			.3				2.50		0.04 L	0.070	0.04 L			
19 05 75 1400			.3				0.07		0.02 L	0.010	0.02 L			
15 06 75 1630			.3				0.05		0.02	0.010L	0.02 L			
19 08 75 1450			.3				0.05		0.02 L	0.010L	0.02 L			
22 09 75 1500			.3				0.03		0.02 L	0.010L	0.02 L			
20 10 75 1425			.3				0.12		0.01 L	0.010L	0.01 L			
27 11 75 0700			.3				0.20		0.01	0.030	0.01 L			
15 12 75 1255			.3				0.10		0.01 L	0.010L	0.01 L			
MAXIMUM							2.50		0.04	0.070	0.04			
AVG OR GEOM MN (*)							0.35		0.02 D	0.022D	0.02 D			
MINIMUM							0.03		0.01	0.010	0.01			
NO OF SAMPLES							10		10	10	10			

SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: PRONTO LAKE OUTLET
SAMPLE POINT: AT HIGHWAY NO 17 NEAR PRONTO MINE ROAD 60 1
STATION TYPE: LAKE

STATION ID: 14-0019-023-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

STN NO 23 LAT LONG U.T.M. 17 0369000.0 5117650.0 4 REGION 05 MILEAGE 0.50

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
06 01 75	1220			.3		28002			30.	1.	1.		0.0	6.0	0.4
17 02 75	1320			.3		28051	4		60.	1.	1.		0.0	3.0	3.6
08 03 75	1015			.3		28069			1.	1.	1.		0.0	4.0	0.4
31 03 75	1305			.3		28097	4		1.	1.	1.		0.0	4.0	0.9
21 04 75	1130			.3		28119	3		1.	1.	1.		1.0	9.5	0.7
12 05 75	1025			.3		28138			16.	1.	4.		12.5	9.5	0.4
01 06 75	1200			.3		28162			104.	100.	16.		17.0	8.5	0.8
22 06 75	1255			.3		28190			40.	1.	8.		19.5	6.5	0.6
14 07 75	1305			.3		28203			200.	80.	40.		18.0	8.0	0.8
05 08 75	1015			.3		28227			600.	144.	60.		19.0	5.0	0.8
25 08 75	1240			.3		28251			80.	60.	76.		17.0	4.5	0.8
15 09 75	1030			.3		28264			160.	8.	40.		12.0	9.0	0.4
06 10 75	1230			.3		28289			140.	8.	16.		10.0	8.0	1.0
26 10 75	0845			.3		28309			320.	4.	12.		7.5	8.5	0.8
16 11 75	1640			.3		28330			144.	1.	1.		3.5	10.5	1.0
01 12 75	1300			.3		28354							1.5	11.5	1.0
22 12 75	1430			.3		28376	4						0.0	9.0	0.6
MAXIMUM									600.	144.	76.		19.5	11.5	3.6
AVG OR GEOM MN (*)									40.*	5.*	6.*		8.1	7.4	0.9
MINIMUM									1.	1.	1.		0.0	3.0	0.4
NO OF SAMPLES									15	15	15		17	17	17

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
06 01 75	1220			.3		0.010	0.002	0.35	0.62	0.005	0.070	2.90	795	41.	7.0
17 02 75	1320			.3		0.040	0.003	0.90	1.40	0.005	0.090	13.00	880	52.	6.7
08 03 75	1015			.3		0.007	0.001	0.50	0.51	0.002	0.140	2.20	940	19.	7.1
31 03 75	1305			.3		0.008	0.002	0.85	1.30	0.008	0.100	6.00	799	46.	
21 04 75	1130			.3		0.004	0.001	0.16	0.34	0.003	0.210	1.30	260	7.	6.3
12 05 75	1025			.3		0.005	0.001	0.17	0.30	0.006	0.050	3.00	560	14.	6.9
01 06 75	1200			.3		0.006	0.002	0.06	0.24	0.003	0.030	2.20	700	23.	7.3
22 06 75	1255			.3		0.012	0.001	0.03	0.47	0.005	0.010	3.10	440	29.	7.3
14 07 75	1305			.3		0.017	0.001	0.03	0.42	0.002	0.030	4.90	960	22.	7.3
05 08 75	1015			.3		0.019	0.001	0.07	0.38	0.004	0.050	2.00	750	36.	7.4
25 08 75	1240			.3		0.012	0.002	0.05	0.46	0.003	0.030	2.10	885	50.	7.1
15 09 75	1030			.3		0.004	0.001	0.03	0.22	0.002	0.010L	1.00	950	19.	7.4
06 10 75	1230			.3		0.008	0.001L	0.01 L	0.35	0.004	0.010L	2.10	750	44.	7.1
26 10 75	0845			.3		0.013	0.001	0.01 L	0.48	0.003	0.010L	1.90	540	135.	6.6
16 11 75	1640			.3		0.006	0.001	0.01	0.32	0.005	0.030	3.00	700	42.	7.0
01 12 75	1300			.3		0.012	0.001	0.22	0.38	0.004	0.100	30.00	720	16.	4.3
22 12 75	1430			.3		0.004	0.001L	0.38	0.55	0.003	0.130	3.50	820	13.	6.5
MAXIMUM						0.040	0.003	0.90	1.40	0.008	0.210	30.00	960	135.	7.4
AVG OR GEOM MN (*)						0.011	0.001D	0.23 D	0.51	0.004	0.065D	4.95	732	35.	6.8
MINIMUM						0.004	0.001	0.01	0.22	0.002	0.010	1.00	260	7.	4.3
NO OF SAMPLES						17	17	17	17	17	17	17	17	17	16

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
06 01 75	1220			.3		28002	9.	29	380		1.00	40			
17 02 75	1320			.3		28051	2.	30	400		3.00	50			
08 03 75	1015			.3		28069	4.	17	516		0.35	5			
21 04 75	1130			.3		28119	6.	7	120		1.80	50			
12 05 75	1025			.3		28138	3.	22	265		0.30	15			
01 06 75	1200			.3		28162	4.	21	360		0.45	40			
22 06 75	1255			.3		28190	7.	22	188		0.74	70G			
14 07 75	1305			.3		28203	8.	45	220		0.85	30			
05 08 75	1015			.3		28227	8.	84		360.	0.50	25			
25 08 75	1240			.3		28251	17.	109		432.	0.58	30			
15 09 75	1030			.3		28264	3.	39		505.	0.20	5L			
06 10 75	1230			.3		28289	7.	21		334.	0.51	35			
26 10 75	0845			.3		28309	9.			179.	0.56	40			
16 11 75	1640			.3		28330	4.	22		316.	0.38	30			
01 12 75	1300			.3		28354	32.	1		349.	3.40	30			
22 12 75	1430			.3		28376	3.	11		422.					
MAXIMUM							32.	109	516	505.	3.40	70			
AVG OR GEOM MN (*)							7.	32	306	362.	0.98	33E			
MINIMUM							2.	1	120	179.	0.20	5			
NO OF SAMPLES							16	15	8	8	15	15			

CONT'D

B.O.W./ SITE: PRONTO LAKE OUTLET
SAMPLE POINT: AT HIGHWAY NO 17 NEAR PRONTO MINE ROAD 60 1
STATION TYPE: LAKE

STATION ID: 14-0019-023-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

STN NO 23 LAT LONG U.T.M. 17 0369000.0 5117650.0 4 REGION 05 MILEAGE 0.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
06 01 75 1220			.3		380.	450.	15. L	435						
17 02 75 1320			.3		317.	760.	42.	718						
08 03 75 1015			.3		475.	800.	4.	796						
21 04 75 1130			.3		96.	173.	4.		169					
12 05 75 1025			.3		200.	450.	2.	448						
01 06 75 1200			.3		300.	560.	2.	558						
22 06 75 1255			.3		155.	374.	2.	372						
14 07 75 1305			.3		438.	662.	6.	656						
05 08 75 1015			.3			568.	2.	566						
25 08 75 1240			.3		50.	702.	2.	700						
15 09 75 1030			.3		490.	785.	11.	774						
06 10 75 1230			.3		300.	590.	3.	587						
26 10 75 0845			.3			398.	3.	395						
16 11 75 1640			.3				1.							
01 12 75 1300			.3		400.	606.	11.	595						
22 12 75 1430			.3		440.	665.	3.	662						
MAXIMUM					490.	800.	42.	796	169					
AVG OR GEOM MN (*)					310.	569.	7. D	590	169					
MINIMUM					50.	173.	1.	372	169					
NO OF SAMPLES					13	15	16	14	1					

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	65 MAG NESIUM MG/L	74 TOT. MAG NESIUM MG/L	200 MANGNESE MN MG/L	235 TOTAL MERCURY UG/L	238 TOTAL NICKEL MG/L	249 TOTAL ZINC MG/L	217 TOTAL COBALT MG/L	218 BARIUM MG/L	219 SELENIUM MG/L	361 SOLVENT EXTRBLES MG/L
06 01 75 1220			.3				0.33		0.02	0.050	0.11			
17 02 75 1320			.3				0.61		0.03	0.020	0.10			
08 03 75 1015			.3				0.68		0.05	0.030	0.37			
12 05 75 1025			.3				0.05		0.02 L	0.010L	0.02			
01 06 75 1200			.3				0.07		0.02	0.010L	0.02			
22 06 75 1255			.3				0.09		0.02 L	0.010L	0.02			
14 07 75 1305			.3				0.08		0.02 L	0.010L	0.02 L			
05 08 75 1015			.3				0.12		0.02 L	0.010L	0.02 L			
25 08 75 1240			.3				0.24		0.02	0.030	0.02 L			
15 09 75 1030			.3				0.19		0.03	0.220	0.08			
06 10 75 1230			.3				0.11		0.01 L	0.020	0.02 L			
26 10 75 0845			.3				0.07			0.020	0.01 L			
16 11 75 1640			.3				0.03		0.01 L	0.020	0.01 L			
01 12 75 1300			.3				0.53		0.04	0.070	0.31			
MAXIMUM							0.68		0.05	0.220	0.37			
AVG OR GEOM MN (*)							0.23		0.02 D	0.038D	0.08 D			
MINIMUM							0.03		0.01	0.010	0.01			
NO OF SAMPLES							14		13	14	14			

SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: BUD LAKE TAILINGS
SAMPLE POINT: BUD LAKE TAILINGS UPSTREAM FROM BARIUM TREATMENT 22 5
STATION TYPE: LAKE

STATION ID: 14-0019-024-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

STN NO 24 LAT LONG U.T.M. 17 0371200.0 5151250.0 4 REGION 05 MILEAGE 56.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
20 01 75 1340			.3		28020							0.0		1.0
11 02 75 1045			.3		28048							0.0		2.2
16 03 75 1545			.3		28086							0.0		0.4
14 04 75 1645			.3		28116							0.5		0.4
19 05 75 1415			.3		28153							15.0		0.8
15 06 75 1715			.3		28181							16.5		0.4
18 08 75 1520			.3		28246							21.0		1.0
22 09 75 1540			.3		28279							14.0		2.0
20 10 75 1445			.3		28308							10.0		2.6
27 11 75 0730			.3		28344							0.0		1.0
15 12 75 1325			.3		28373							2.0		0.4
MAXIMUM												21.0		2.6
AVG OR GEOM MN (*)												7.2		1.1
MINIMUM												0.0		0.4
NO OF SAMPLES												11		11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
20 01 75 1340			.3		0.005	0.001L	11.00	11.00	8.000	100.	1.70	2650	10.	9.0
11 02 75 1045			.3		0.009		11.00	11.00	19.000	92.000	2.10	2625	10.	9.2
16 03 75 1545			.3		0.010	0.001L	12.00	15.00	13.000	63.000	1.20	2550	10.	9.0
14 04 75 1645			.3		0.020		12.00	15.00	14.000	50.000	2.50	2600	11.	9.2
19 05 75 1415			.3		0.025	0.001L	20.00	24.00	12.000	53.000	2.20	2400	10.	8.2
15 06 75 1715			.3		0.017	0.001L	16.00	16.00	0.100	81.000	2.60	1020	9.	8.9
18 08 75 1520			.3		0.013	0.001L	8.50	9.70	13.000	47.000	2.40	2700		8.8
22 09 75 1540			.3		0.018	0.001L	8.00	8.00	14.000	64.000	2.20	2750	9.	9.1
20 10 75 1445			.3		0.018	0.001	9.00		17.000	65.000		3000	10.	8.6
27 11 75 0730			.3		0.011	0.001					1.40	2900	11.	8.7
15 12 75 1325			.3		0.011	0.001L	17.00		20.000	70.000	220.00	350	11.	8.8
MAXIMUM					0.025	0.001	20.00	24.00	20.000	100.	220.00	3000	11.	9.2
AVG OR GEOM MN (*)					0.014	0.001D	12.45	13.71	13.010	68.500	23.83	2322	10.	8.9
MINIMUM					0.005	0.001	8.00	8.00	0.100	47.000	1.20	350	9.	8.2
NO OF SAMPLES					11	9	10	8	10	10	10	11	10	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
20 01 75 1340			.3		28020	0.	39	1910		0.05	5L			
11 02 75 1045			.3		28048	0.	43	1560		0.05	5			
16 03 75 1545			.3		28086		44							
14 04 75 1645			.3		28116	0.	44	1570		0.65	10			23.00
19 05 75 1415			.3		28153	0.	43	142		0.15	10			
15 06 75 1715			.3		28181	0.	38	1530		0.32	10			
18 08 75 1520			.3		28246	0.	36		1640.	0.13	15			
22 09 75 1540			.3		28279	0.	32		1700.	0.26	25			
20 10 75 1445			.3		28308	0.	27		1700.	0.10				
27 11 75 0730			.3		28344	0.	31				5			
15 12 75 1325			.3		28373	0.	38			0.13	5			
MAXIMUM						0.0	44	1910	1700.	0.65	25			23.00
AVG OR GEOM MN (*)						0.	38	1342	1680.	0.20	100			23.00
MINIMUM						0.	27	142	1640.	0.05	5			23.00
NO OF SAMPLES						10	11	5	3	9	9			1

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B.O.W./ SITE: BUD LAKE TAILINGS                                                                     STATION ID:  14-0019-024-01
SAMPLE POINT: BUD LAKE TAILINGS UPSTREAM FROM BARIUM TREATMENT  22 5
STATION TYPE: LAKE                                    MAJOR BASIN: GREAT LAKES                                   STORET CODE: 02
                                                      MINOR BASIN: LAKE HURON                                                 002
                                                      TERM STREAM; SERPENT RIVER                                              8040

STN NO     24      LAT               LONG                U.T.M. 17 0371200.0 5151250.0 4     REGION 05            MILEAGE   56.40

                                              59         5          6          7        107        67         66        45         47          41
SAMP DTE HOUR  STN  STN SAMP  PJ  SULPHATE     TOTAL      SUSP.      DISS.      DISS.   PTSSIUM     SODIUM     TOT C   ORGANIC         COD
DY MO YR LMT   DIST BRG DEPTH                  SOLIDS     SOLIDS     SOLIDS     SOLIDS        K         NA      AS C    C AS C
               FEET       MTRS        MG/L      MG/L       MG/L       MG/L       MG/L      MG/L       MG/L      MG/L      MG/L        MG/L

20 01 75 1340               .3      1300.     2940.      15. L      2925
11 02 75 1045               .3      1100.     2590.       7.        2583
16 03 75 1545               .3      1025.     2510.      12.        2498
14 04 75 1645               .3      1400.     2640.       4.        2636
19 05 75 1415               .3      1125.     2440.       7.        2433
15 06 75 1715               .3      1000.     2530.      10.        2520
18 08 75 1520               .3      1500.     2700.      11.                    31
22 09 75 1540               .3      2500.     2750.      12.        2738
20 10 75 1445               .3                2907.       8.        2899
27 11 75 0730               .3
15 12 75 1325               .3                            5.


                       MAXIMUM      2500.     2940.      15.        2925        31
            AVG OR GEOM MN (*)      1368.     2667.       9. D      2654        31
                       MINIMUM      1000.     2440.       4.        2433        31

                 NO OF SAMPLES          8         9        10          8         1


                                              65        74        200        235        238        249        217       218        219        361
SAMP DTE HOUR  STN  STN SAMP  PJ             MAG  TOT. MAG   MANGNESE      TOTAL      TOTAL      TOTAL      TOTAL    BARIUM   SELENIUM    SOLVENT
DY MO YR LMT   DIST BRG DEPTH             NESIUM    NESIUM         MN    MERCURY     NICKEL       ZINC     COBALT      MG/L       MG/L   EXTRBLES
               FEET       MTRS              MG/L      MG/L       MG/L       UG/L       MG/L       MG/L       MG/L                             MG/L

20 01 75 1340               .3                              0.03                  0.04 L     0.260      0.04
11 02 75 1045               .3                              0.02                  0.04 L     0.160      0.04 L
16 03 75 1545               .3                              0.03                  0.04 L     0.030      0.04
14 04 75 1645               .3                              0.05                  0.04       0.040      0.02
19 05 75 1415               .3                              0.05                  0.02 L     0.040      0.03
15 06 75 1715               .3                              0.05                  0.05       0.020      0.03
18 08 75 1520               .3                              0.04                  0.05       0.090      0.04
22 09 75 1540               .3                              0.04                  0.02 L     0.010L     0.02 L
20 10 75 1445               .3                              0.07                  0.01 L     0.020      0.01 L
27 11 75 0730               .3                              0.09                  0.01       0.010L     0.01 L
15 12 75 1325               .3                              0.08                  0.01 L     0.010L     0.01 L


                       MAXIMUM                              0.09                  0.05       0.260      0.04
            AVG OR GEOM MN (*)                              0.05                  0.03 D     0.063D     0.03 D
                       MINIMUM                              0.02                  0.01       0.010      0.01

                 NO OF SAMPLES                                11                    11         11         11
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SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

B.O.W./ SITE: ELLIOT LAKE
SAMPLE POINT: AT ELLIOT LAKE MUNICIPAL PUMPHOUSE 48 1
STATION TYPE: LAKE

STATION ID: 14-0019-027-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SERPENT RIVER

STORET CODE: 02
002
8040

STN NO 27   LAT   LONG   U.T.M. 17 0372000.0 5138450.0 4   REGION 05   MILEAGE 47.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
23 01 75 1220			.3		28026	4						0.0	9.0	2.4
25 02 75 1030			.3		28063	4		1.	1.	1.		0.0	4.0	5.7
27 03 75 1030			.3		28094	4						0.0	7.0	0.2
28 04 75 1440			.3		28131			1.	1.	1.		2.5	10.0	0.9
26 05 75 1255			.3		28159			180.	1.	1.		20.0	8.5	0.4
16 06 75 1220			.3		28187			100.	1.	1.		17.5	9.0	0.4
28 07 75 1435			.3		28224			900.	1.	4.		24.0	9.0	0.4
04 09 75 0920			.3		28905			140.	12.	8.		17.0	9.0	1.0
29 09 75 1405			.3		28286			16.	1.	1.		16.0	9.5	0.6
02 11 75 0845			.3		28322			12.	1.	1.		8.0	9.5	1.6
30 11 75 1430			.3		28351							1.0	9.5	1.4
28 12 75 0935			.3		28388	4						0.0	11.0	7.0
MAXIMUM								900.	12.	8.		24.0	11.0	7.0
AVG OR GEOM MN (*)								29.*	1.*	2.*		8.8	8.8	1.8
MINIMUM								1.	1.	1.		0.0	4.0	0.2
NO OF SAMPLES								8	8	8		12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
23 01 75 1220			.3		0.031	0.001L	0.01	0.65	0.002	0.280	2.00	110	9.	7.6
25 02 75 1030			.3		0.048	0.002	0.08	0.94	0.002	0.290	4.40	105	8.	6.6
27 03 75 1030			.3		0.008	0.001L	0.10	0.35	0.002	0.200	1.00	112	10.	6.4
28 04 75 1440			.3		0.015	0.001	0.09	0.25	0.002	0.350	1.40	29	3.	5.9
26 05 75 1255			.3		0.012	0.001	0.02	0.26	0.003	1.600	1.30	98	8.	6.4
16 06 75 1220			.3		0.012	0.002	0.02	0.32	0.002	0.290	1.60	104	11.	8.0
28 07 75 1435			.3		0.005	0.003	0.03	0.26	0.002	0.110	1.40	95	9.	7.2
04 09 75 0920			.3		0.014	0.001	0.01	0.22	0.002	0.030	1.30	96	8.	7.0
29 09 75 1405			.3		0.006	0.001	0.01	0.29	0.001	0.010	0.83	95	6.	7.4
02 11 75 0845			.3		0.008	0.001L	0.01 L	0.27	0.003	0.050	0.95	104	7.	6.9
30 11 75 1430			.3		0.046	0.001	0.02	0.44	0.006	0.450	4.50	110	11.	6.8
28 12 75 0935			.3		0.014	0.002	0.02	0.37	0.003	0.120	2.00	100	8.	7.1
MAXIMUM					0.048	0.003	0.10	0.94	0.006	1.600	4.50	112	11.	8.0
AVG OR GEOM MN (*)					0.018	0.001D	0.04 D	0.39	0.003	0.315	1.89	97	8.	6.9
MINIMUM					0.005	0.001	0.01	0.22	0.001	0.010	0.83	29	3.	5.9
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
23 01 75 1220			.3		28026	2.	6	30		0.10	10			
25 02 75 1030			.3		28063	5.	5	29		4.20	15			
27 03 75 1030			.3		28094	7.	9	31		0.10	10			
28 04 75 1440			.3		28131	3.	5	70		0.25	10			
26 05 75 1255			.3		28159	2.	7	30		0.15	10			
16 06 75 1220			.3		28187	1.	6	30		0.36	5			
28 07 75 1435			.3		28224	1.	6		26.	0.15	5			
04 09 75 0920			.3		28905	6.	7		27.	0.21	5			
29 09 75 1405			.3		28286	1.	4		25.	0.07	5			
02 11 75 0845			.3		28322	2.	5		26.	0.09	10			
30 11 75 1430			.3		28351	3.	7		25.	0.70	15			
28 12 75 0935			.3		28388	1.	7		29.					
MAXIMUM						7.	9	70	29.	4.20	15			
AVG OR GEOM MN (*)						2.	6	37	26.	0.58	9			
MINIMUM						1.	4	29	25.	0.07	5			
NO OF SAMPLES						12	12	6	6	11	11			

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M.O.W./ SITE: ELLIOT LAKE                                                                       STATION ID:  14-0019-027-01
SAMPLE POINT: AT ELLIOT LAKE MUNICIPAL PUMPHOUSE  48 1
STATION TYPE: LAKE                                      MAJOR BASIN: GREAT LAKES                                 STORET CODE: 02
                                                        MINOR BASIN: LAKE HURON                                               002
                                                        TERM STREAM: SERPENT RIVER                                            8040

STN NO    27       LAT               LONG                U.T.M. 17 0372000.0 5138450.0 4    REGION 05             MILEAGE   47.50

                                      59         5         6         7       107        67        66        45        47        41
SAMP DTE HOUR  STN  STN SAMP  PJ  SULPHATE     TOTAL     SUSP.     DISS.     DISS.   PTSSIUM    SODIUM     TOT C   ORGANIC       COD
DY MO YR LMT   DIST BRG DEPTH                 SOLIDS    SOLIDS    SOLIDS    SOLIDS         K        NA      AS C    C AS C
               FEET      MTRS         MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

23 01 75 1220              .3          29.       80.       15. L       65
25 02 75 1030              .3                    80.       28.         52
27 03 75 1030              .3          21.       75.        3.                   72
28 04 75 1440              .3           6.       23.        4.                   19
26 05 75 1255              .3           2.       71.        6.                   65
16 06 75 1220              .3          19.       71.        6.                   65
28 07 75 1435              .3          20.       67.        5.                   62
04 09 75 0920              .3          22.       87.       14.                   73
29 09 75 1405              .3          24.       64.        2.                   62
02 11 75 0845              .3                    70.        2.                   68
30 11 75 1430              .3          20.      110.       38.                   72
28 12 75 0935              .3          25.       67.        2.                   65


                      MAXIMUM          29.      110.       38.         65        73
           AVG OR GEOM MN (*)          18.       72.       10. D       59        62
                      MINIMUM           2.       23.        2.         52        19

                NO OF SAMPLES          10        12        12           2        10



                                      65        74       200       235       238       249       217       218       219       361
SAMP DTE HOUR  STN  STN SAMP  PJ       MAG  TOT. MAG  MANGNESE     TOTAL     TOTAL     TOTAL     TOTAL    BARIUM  SELENIUM   SOLVENT
DY MO YR LMT   DIST BRG DEPTH       NESIUM    NESIUM        MN   MERCURY    NICKEL      ZINC    COBALT      MG/L      MG/L  EXTRBLES
               FEET      MTRS         MG/L      MG/L      MG/L      UG/L      MG/L      MG/L      MG/L                          MG/L

23 01 75 1220              .3                             0.12
27 03 75 1030              .3                             0.12
28 04 75 1440              .3                             0.04 L
26 05 75 1255              .3                             0.14
16 06 75 1220              .3                             0.09
28 07 75 1435              .3                             0.06
04 09 75 0920              .3                             0.03
29 09 75 1405              .3                             0.02
30 11 75 1430              .3                             0.25                0.01 L    0.020     0.01 L
28 12 75 0935              .3                             0.15


                      MAXIMUM                             0.25                0.01      0.020     0.01
           AVG OR GEOM MN (*)                             0.10 D              0.01 D    0.020     0.01 D
                      MINIMUM                             0.02                0.01      0.020     0.01

                NO OF SAMPLES                              10                  1         1         1
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SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS

DATE OF REPORT 28 OCT 77

B.O.W./ SITE: SPANISH RIVER
SAMPLE POINT: AT WEBBWOOD BRIDGE
STATION TYPE: RIVER

STATION ID: 14-0028-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO 1 LAT LONG U.T.M. 17 0432550.0 5123550.0 4 REGION 05 MILEAGE 25.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
05 01 75			.3		32000		2700.	1000.	160.	80.				0.8
03 02 75 0845			.3		32049	6 8	3230.	1600.	20.	10. L		0.0	10.0	1.2
08 03 75 0940			.3		32098	6 8	3660.					0.0	10.0	1.2
06 04 75 0945			.3		32162	6 8	3470.	100.	20.	10.		0.0	11.0	2.8
26 04 75 0930			.3		32197	3 6 8	20200.	56.	4.	10. L		2.0	10.0	1.4
31 05 75 0900			.3		32260	6 8	3330.	920.	500.	1.		10.0	11.0	1.6
04 07 75 1020			.3		32324	6 8	3170.	2400.	100.	1.		18.0	10.0	0.8
09 08 75 0900			.3		32370	6 8 9	2620.	1500. G	1500. G	8.		20.0	10.0	1.8
05 09 75 0845			.3		32432	6 8	953.	25000.	9800.	64.		12.0	10.0	5.2
06 10 75 0830			.3		32478	6 8		155.	59.	164.		4.0	11.0	1.2
07 11 75 0900			.3		32524	6 8		13700.	700.	70.		2.0	11.0	0.4
07 12 75 0845			.3		32572	6 8						0.0	11.0	0.8
MAXIMUM							20200.	25000.	9800.	164.		20.0	11.0	5.2
AVG OR GEOM MN (*)							4815.	1046.* U	155.* U	15.* D		6.2	10.5	1.6
MINIMUM							953.	56.	4.	1.		0.0	10.0	0.4
NO OF SAMPLES							9	10	10	10		11	11	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
05 01 75			.3		0.020	0.004	0.27	0.59	0.006	0.050	1.60	126	10.	
03 02 75 0845			.3		0.010	0.003	0.28	0.60	0.004	0.210	1.30	134	7.	7.3
08 03 75 0940			.3		0.011	0.004	0.14	0.45	0.005	0.190	1.50	132	8.	
06 04 75 0945			.3		0.010	0.002	0.24	0.58	0.008	0.280	2.10	132	8.	
26 04 75 0930			.3		0.028	0.003	0.85	1.40	0.020	0.160	3.10	180	9.	
31 05 75 0900			.3		0.016	0.002	0.01 L	0.32	0.006	0.070	1.80	98	4.	
04 07 75 1020			.3		0.017	0.004	0.04	0.38	0.025	0.200	0.90	98	3.	
09 08 75 0900			.3		0.016	0.003	0.01	0.34	0.007	0.030	1.30	108	9.	
05 09 75 0845			.3		0.008	0.003	0.01 L	0.50	0.008	0.030	2.40	120	8.	
06 10 75 0830			.3		0.013	0.001L	0.01 L	0.32	0.004	0.070	1.10	80	2.	
07 11 75 0900			.3		0.014	0.003	0.03	0.29	0.006	0.190	1.00	120	3.	6.3
07 12 75 0845			.3		0.013	0.001	0.26	0.63	0.011	0.260	2.80	200	8.	
MAXIMUM					0.028	0.004	0.85	1.40	0.025	0.280	3.10	200	10.	7.3
AVG OR GEOM MN (*)					0.015	0.003D	0.18 D	0.53	0.009	0.145	1.74	127	6.	6.8
MINIMUM					0.008	0.001	0.01	0.29	0.004	0.030	0.90	80	2.	6.3
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	2

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
03 02 75 0845			.3		34.									
08 03 75 0940			.3		21.									
06 04 75 0945			.3		28.									
26 04 75 0930			.3		60.									
31 05 75 0900			.3		42.									
04 07 75 1020			.3		22.									
09 08 75 0900			.3		18.									
06 10 75 0830			.3		16.									
07 11 75 0900			.3		21.									
07 12 75 0845			.3		50.									
MAXIMUM					60.									
AVG OR GEOM MN (*)					31.									
MINIMUM					16.									
NO OF SAMPLES					10									

CONT'D

B.O.W./ SITE: SPANISH RIVER
SAMPLE POINT: AT WEBBWOOD BRIDGE
STATION TYPE: RIVER

STATION ID: 14-0028-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO 1 LAT LONG U.T.M. 17 0432550.0 5123550.0 4 REGION 05 MILEAGE 25.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	203 TOTAL ALUMINUM MG/L	265 TOTAL ARSENIC MG/L	64 CALCIUM MG/L	72 TOTAL CALCIUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	272 SIMPLE CYANIDE MG/L	215 TOTAL CADMIUM MG/L	229 TOTAL LEAD MG/L
05 01 75			.3		32000									
03 02 75 0845			.3		32049		0.01 L			0.04 L				0.03 L
09 03 75 0940			.3		32098						0.03			
06 04 75 0945			.3		32162						0.02			
26 04 75 0930			.3		32197						0.02			
31 05 75 0900			.3		32260						0.11			
04 07 75 1020			.3		32324						0.09			
09 08 75 0900			.3		32370						0.02			
05 09 75 0845			.3		32432						0.03 L			
06 10 75 0830			.3		32478						0.02			
07 11 75 0900			.3		32524						0.01 L			
07 12 75 0845			.3		32572						0.01 L			
MAXIMUM							0.01			0.04	0.11			0.03
AVG OR GEOM MN (*)							0.01 D			0.04 D	0.04 D			0.03 D
MINIMUM							0.01			0.04	0.01			0.03
NO OF SAMPLES							1			1	10			1

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	65 MAG NESIUM MG/L	74 TOT. MAG NESIUM MG/L	200 MANGNESE MN MG/L	235 TOTAL MERCURY UG/L	238 TOTAL NICKEL MG/L	249 TOTAL ZINC MG/L	217 TOTAL COBALT MG/L	218 BARIUM MG/L	219 SELENIUM MG/L	361 SOLVENT EXTRBLES MG/L
05 01 75			.3						0.12	0.030L				
03 02 75 0845			.3				0.05							
08 03 75 0940			.3						0.12	0.030L				
06 04 75 0945			.3						0.12	0.010L				
26 04 75 0930			.3						0.22	0.020				
31 05 75 0900			.3						0.06	0.020				
04 07 75 1020			.3						0.04	0.030L				
09 08 75 0900			.3						0.02	0.010L				
05 09 75 0845			.3						0.03 L	0.030L				
06 10 75 0830			.3						0.03	0.010L				
07 11 75 0900			.3						0.03	0.010L				
07 12 75 0845			.3						0.12	0.010L				
MAXIMUM							0.05		0.22	0.030				
AVG OR GEOM MN (*)							0.05		0.08 D	0.019D				
MINIMUM							0.05		0.02	0.010				
NO OF SAMPLES							1		11	11				

SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

B.O.W./ SITE: SPANISH RIVER
SAMPLE POINT: HIGHWAY 17, 8 MILES EAST OF JUNCTION 68 AND 17
STATION TYPE: RIVER

STATION ID: 14-0028-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO 2   LAT   LONG   U.T.M. 17 0448000.0 5127525.0 4   REGION 05   MILEAGE 38.40

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
05 01 75				.3		32002			10. L	1.					
03 02 75	1030			.3		32051	6 8		364.	1.	1.		0.0	11.0	
08 03 75	1120			.3		32100	6 8						0.0	11.0	
06 04 75	1115			.3		32164	6 8		100. L	1.	1.		0.0	11.0	
26 04 75	1110			.3		32199	3 6 8		10. L	1.	1.		2.0	10.0	
31 05 75	1035			.3		32262	6 8		84.	4.	1.		11.0	11.0	
04 07 75	1150			.3		32326	6 8		32.	1.	1.		19.0	11.0	
09 08 75	1045			.3		32372	6 8		56.	52.	4.		20.0	10.0	
05 09 75	1045			.3		32434	6 8		100.	1.	1.		11.0	10.0	1.4
06 10 75	1025			.3		32480	6 8		17.	1.	1.		4.0	11.0	
07 11 75	1050			.3		32526	6 8		36.	1.	1.		2.0	11.0	1.2
07 12 75	1040			.3		32574	6 8						0.0	11.0	0.8
MAXIMUM									364.	52.	4.		20.0	11.0	1.4
AVG OR GEOM MN (*)									45.* D	2.*	1.*		6.3	10.7	1.1
MINIMUM									10.	1.	1.		0.0	10.0	0.8
NO OF SAMPLES									10	10	9		11	11	3

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
05 01 75				.3									56		
03 02 75	1030			.3											7.1
08 03 75	1120			.3									54		
06 04 75	1115			.3									56		
26 04 75	1110			.3									49		
31 05 75	1035			.3									69		
04 07 75	1150			.3											
09 08 75	1045			.3									50		
05 09 75	1045			.3		0.013	0.003	0.01 L	0.28	0.002	0.030	0.96	50	1.	7.1
06 10 75	1025			.3											
07 11 75	1050			.3		0.009	0.002	0.01	0.25	0.004	0.090	1.00	68	1.	6.6
07 12 75	1040			.3		0.010	0.002	0.01	0.21	0.003	0.050	1.40	66	1.	7.1
MAXIMUM						0.013	0.003	0.01	0.28	0.004	0.090	1.40	69	1.	7.1
AVG OR GEOM MN (*)						0.011	0.002	0.01 D	0.25	0.003	0.057	1.12	58	1.	7.0
MINIMUM						0.009	0.002	0.01	0.21	0.002	0.030	0.96	49	1.	6.6
NO OF SAMPLES						3	3	3	3	3	3	3	9	3	4

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
05 01 75				.3		32002								0.1L	2.05
03 02 75	1030			.3		32051							1. L		
08 03 75	1120			.3		32100							2.	0.1L	1.90
06 04 75	1115			.3		32164							7.	0.1L	1.90
26 04 75	1110			.3		32199							1. L	0.1L	2.20
31 05 75	1035			.3		32262							1. L	0.1L	2.30
04 07 75	1150			.3		32326							4.	0.2	3.60
09 08 75	1045			.3		32372							1. L	0.1	2.00
05 09 75	1045			.3		32434	3.	11		20.	0.17	20	2.	0.1L	2.10
06 10 75	1025			.3		32480							2.	0.1	2.20
07 11 75	1050			.3		32526	3.	14		21.	0.16	10	2.	0.1	2.10
07 12 75	1040			.3		32574	4.	14		21.	0.17		1. L	0.1	2.20
MAXIMUM							4.	14		21.	0.17	20	7.	0.2	3.60
AVG OR GEOM MN (*)							3.	13		20.	0.17	15	2. D	0.10	2.25
MINIMUM							3.	11		20.	0.16	10	1.	0.1	1.90
NO OF SAMPLES							3	3		3	3	2	11	11	11

CONT'D

B.O.W./ SITE: SPANISH RIVER
SAMPLE POINT: HIGHWAY 17, 8 MILES EAST OF JUNCTION 68 AND 17
STATION TYPE: RIVER

STATION ID: 14-0028-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO 2 LAT LONG U.T.M. 17 0448000.0 5127525.0 4 REGION 05 MILEAGE 38.40

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
05 01 75				.3		11.					0.5	1.00			30
03 02 75	1030			.3		14.									
08 03 75	1120			.3		8.					0.8	2.20			20
06 04 75	1115			.3		8.					0.5	1.40			20L
26 04 75	1110			.3		10.						1.60			20L
31 05 75	1035			.3		13.						1.30			20L
04 07 75	1150			.3		175.					6.9	36.00			20L
09 08 75	1045			.3		11.					0.5	2.00			22
05 09 75	1045			.3		9.	33.	3.	30		0.4	1.40			14
06 10 75	1025			.3		10.					0.5	1.30			20
07 11 75	1050			.3		8.	47.	1.		46	0.5	1.50			22
07 12 75	1040			.3		10.	45.	2.		43	0.5	1.50			32
MAXIMUM						175.	47.	3.	30	46	6.9	36.00			32
AVG OR GEOM MN (*)						23.	41.	2.	30	45	1.2	4.66			22D
MINIMUM						8.	33.	1.	30	43	0.4	1.00			14
NO OF SAMPLES						12	3	3	1	2	9	11			11

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	203 TOTAL ALUMINUM MG/L	265 TOTAL ARSENIC MG/L	64 CALCIUM MG/L	72 TOTAL CALCIUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	272 SIMPLE CYANIDE MG/L	215 TOTAL CADMIUM MG/L	229 TOTAL LEAD MG/L
05 01 75				.3		32002	0.29		6.0			0.05 L			
03 02 75	1030			.3		32051		0.01 L			0.04 L	0.05 L			0.03 L
08 03 75	1120			.3		32100	0.06		5.0			0.02 L			
06 04 75	1115			.3		32164	0.12		7.0			0.05 L			
26 04 75	1110			.3		32199	0.02		6.0			0.03 L			
31 05 75	1035			.3		32262	0.05 L		5.0			0.03 L			
04 07 75	1150			.3		32326	0.07		51.0			0.03 L			
09 08 75	1045			.3		32372				5.0		0.03 L			
05 09 75	1045			.3		32434				5.0		0.05 L			
06 10 75	1025			.3		32480	0.07			5.0					
07 11 75	1050			.3		32526	0.09			5.7		0.02 L			
07 12 75	1040			.3		32574	0.15			6.0		0.01 L			
MAXIMUM							0.29	0.01	51.0	6.0	0.04	0.05			0.03
AVG OR GEOM MN (*)							0.10 D	0.01 D	13.3	5.3	0.04 D	0.03 D			0.03 D
MINIMUM							0.02	0.01	5.0	5.0	0.04	0.01			0.03
NO OF SAMPLES							9	1	6	5	1	11			1

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	65 MAG NESIUM MG/L	74 TOT. MAG NESIUM MG/L	200 MANGNESE MN MG/L	235 TOTAL MERCURY UG/L	238 TOTAL NICKEL MG/L	249 TOTAL ZINC MG/L	217 TOTAL COBALT MG/L	218 BARIUM MG/L	219 SELENIUM MG/L	361 SOLVENT EXTRBLES MG/L
05 01 75				.3		1.0		0.04 L		0.07 L	0.050L				
03 02 75	1030			.3				0.04 L		0.07 L	0.050L				
08 03 75	1120			.3		2.0		0.04 L		0.02 L	0.050L				
06 04 75	1115			.3		2.0		0.04 L		0.07 L	0.050L				
26 04 75	1110			.3		2.0		0.02 L		0.03 L	0.030L				
31 05 75	1035			.3		1.0		0.02 L		0.04 L	0.030L				
04 07 75	1150			.3		17.0		0.02 L		0.04 L	0.030L				
09 08 75	1045			.3			1.35	0.03 L		0.04 L	0.030L				
05 09 75	1045			.3			1.50	0.04 L		0.05 L	0.050L				
06 10 75	1025			.3			1.50	0.03							
07 11 75	1050			.3			1.60	0.03		0.01 L	0.020L				
07 12 75	1040			.3			1.65	0.01 L		0.02 L	0.020L				
MAXIMUM						17.0	1.65	0.04		0.07	0.050				
AVG OR GEOM MN (*)						4.2	1.52	0.03 D		0.04 D	0.037D				
MINIMUM						1.0	1.35	0.01		0.01	0.020				
NO OF SAMPLES						6	5	12		11	11				

SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: JUNCTION CREEK
SAMPLE POINT: AT OUTLET OF KELLY LAKE
STATION TYPE: RIVER

STATION ID: 14-0028-003-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO 3 LAT LONG U.T.M. 17 0492550.0 5141350.0 4 REGION 05 MILEAGE 76.40

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
10 01 75	1350			.3		32017	6 9						0.0	8.0	1.8
04 02 75	1440			.3		32066	6 9 4		4.	1.	1.		0.0	8.0	1.6
15 03 75	1425			.3		32133	6 8 9		1.	1.	1.		0.0	8.0	1.2
12 04 75	1330			.3		32179	6 8 9						0.0	7.0	2.2
10 05 75	1425			.3		32228	6 8 9		4.	1.	1.		9.0	8.0	1.6
01 06 75	1440			.3		32278	6 8 9		572.	1.	1.		11.0	7.0	2.4
05 07 75	1435			.3		32342	6 8 9		4.	1.	1.		20.0	7.0	1.0
10 08 75	1355			.3		32388	6 8 9		100. L	1.	1.		21.0	7.0	3.6
15 09 75	1300			.3		32448	6 8 9		50.	40.	1.		10.0	8.0	5.2
16 10 75	1320			.3		32494	6 8 9		410.	24.	1.		2.0	7.0	5.0
15 11 75	1400			.3		32542	6 8		50.	8.	1.		1.0	10.0	7.5
13 12 75	1430			.3		32590	6 8		10.	1.	4.		0.0	10.0	0.6
MAXIMUM									572.	40.	4.		21.0	10.0	7.5
AVG OR GEOM MN (*)									23.* D	2.*	1.*		6.2	7.9	2.8
MINIMUM									1.	1.	1.		0.0	7.0	0.6
NO OF SAMPLES									10	10	10		12	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
10 01 75	1350			.3		0.060	0.003	19.00	22.00	0.180	0.800	6.50	1490	86.	6.5
04 02 75	1440			.3		0.020	0.002	20.00	20.00	0.110	1.700	4.00	1500	95.	6.0
15 03 75	1425			.3		0.070	0.003	17.00	25.00	1.300	1.200	4.00	1650	108.	5.9
12 04 75	1330			.3		0.062	0.002	19.00	19.00	0.730	0.730	4.30	1440	109.	6.6
10 05 75	1425			.3		0.034	0.002	15.00	16.00	0.550	2.700	2.60	1260	82.	5.7
01 06 75	1440			.3		0.024	0.001	13.00	18.00	0.260	1.200	2.40	1320	93.	6.8
05 07 75	1435			.3		0.110	0.001	12.00	20.00	0.060	1.400	2.60	1500	100.	6.0
10 08 75	1355			.3		0.082	0.001	14.00	17.00	0.160	1.600	3.40	1550	95.	7.4
15 09 75	1300			.3		0.090	0.002	11.00	12.00	0.420	1.500	3.70	1650	97.	6.0
16 10 75	1320			.3		0.046	0.001	14.00	19.00	0.100	1.300	6.20	1750	110.	6.6
15 11 75	1400			.3		0.082	0.003	14.00	17.00	0.061	1.200	4.00	1700	105.	7.4
13 12 75	1430			.3		0.051	0.002	14.00	16.00	0.055	3.700	4.10	1490	98.	7.2
MAXIMUM						0.110	0.003	20.00	25.00	1.300	3.700	6.50	1750	110.	7.4
AVG OR GEOM MN (*)						0.061	0.002	15.17	18.42	0.332	1.586	3.98	1525	98.	6.5
MINIMUM						0.020	0.001	11.00	12.00	0.055	0.730	2.40	1260	82.	5.7
NO OF SAMPLES						12	12	12	12	12	12	12	12	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
10 01 75	1350			.3		630.									
04 02 75	1440			.3		450.									
15 03 75	1425			.3		775.									
12 04 75	1330			.3		450.									
10 05 75	1425			.3		625.									
01 06 75	1440			.3		550.									
05 07 75	1435			.3		650.									
10 08 75	1355			.3		725.									
15 09 75	1300			.3		800.									
15 11 75	1400			.3		775.									
13 12 75	1430			.3		800.									
MAXIMUM						800.									
AVG OR GEOM MN (*)						657.									
MINIMUM						450.									
NO OF SAMPLES						11									

CONT'D

B.O.W./ SITE: JUNCTION CREEK
SAMPLE POINT: AT OUTLET OF KELLY LAKE
STATION TYPE: RIVER

STATION ID: 14-0028-003-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO 3 LAT LONG U.T.M. 17 0492550.0 5141350.0 4 REGION 05 MILEAGE 76.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	203 TOTAL ALUMINUM MG/L	265 TOTAL ARSENIC MG/L	64 CALCIUM MG/L	72 TOTAL CALCIUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	272 SIMPLE CYANIDE MG/L	215 TOTAL CADMIUM MG/L	229 TOTAL LEAD MG/L
10 01 75 1350			.3		32017						0.22			
04 02 75 1440			.3		32066		0.01 L			0.04 L				0.03 L
15 03 75 1425			.3		32133						0.16			
12 04 75 1330			.3		32179						0.25			0.02
10 05 75 1425			.3		32228						0.21			
01 06 75 1440			.3		32278						0.13 L			
05 07 75 1435			.3		32342						0.07			
10 08 75 1355			.3		32388						0.05			
15 09 75 1300			.3		32448						0.06			
15 11 75 1400			.3		32542						0.05			
MAXIMUM							0.01			0.04	0.25			0.03
AVG OR GEOM MN (*)							0.01 D			0.04 D	0.13 D			0.03 D
MINIMUM							0.01			0.04	0.05			0.02
NO OF SAMPLES							1			1	9			2

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	65 MAG NESIUM MG/L	74 TOT. MAG NESIUM MG/L	200 MANGNESE MN MG/L	235 TOTAL MERCURY UG/L	238 TOTAL NICKEL MG/L	249 TOTAL ZINC MG/L	217 TOTAL COBALT MG/L	218 BARIUM MG/L	219 SELENIUM MG/L	361 SOLVENT EXTRBLES MG/L
10 01 75 1350			.3						3.40	0.070				
04 02 75 1440			.3				0.44							
15 03 75 1425			.3						2.70	0.070				
12 04 75 1330			.3						1.60	0.070				
10 05 75 1425			.3						1.80	0.050				
01 06 75 1440			.3						2.90	0.050				
05 07 75 1435			.3						1.20	0.060				
10 08 75 1355			.3						1.20	0.030L				
15 09 75 1300			.3						1.70	0.030				
15 11 75 1400			.3						1.80	0.050				
MAXIMUM							0.44		3.40	0.070				
AVG OR GEOM MN (*)							0.44		2.03	0.053D				
MINIMUM							0.44		1.20	0.030				
NO OF SAMPLES							1		9	9				

SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: JUNCTION CREEK
SAMPLE POINT: UPSTREAM FROM KELLY LAKE
STATION TYPE: RIVER

STATION ID: 14-0028-004-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO 4 LAT LONG U.T.M. 17 0497350.0 5145200.0 4 REGION 05 MILEAGE 80.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
10 01 75 1445			.3		32019	6 9 0						1.0	8.0	26.0
04 02 75 1610			.3		32068	6 9 0		140.	24.	10. L		1.0	7.0	20.0
15 03 75 1535			.3		32135	6 9 0		10. L	1.	1.		1.0	6.0	12.0
12 04 75 1425			.3		32181	6 9 0		18300.	11600.	600. G		3.0	5.0	28.0
10 05 75 1520			.3		32230	6 9 0		10. L	10. L	100. L		11.0	6.0	6.5
01 06 75 1535			.3		32280	6 9 0		72000E+1	42000.	11000.		12.0	6.0	140.0
05 07 75 1525			.3		32344	6 9 0		80.	10. L	1000. L		21.0	6.0	3.4
10 08 75 1500			.3		32390	6 9 0		1500. G	70.	4.		22.0	6.0	2.4
15 09 75 1350			.3		32450	6 9 0		1000.	100.	100. L		10.0	6.0	4.6
16 10 75 1415			.3		32496	6 9 0		1.	1.	10. L		3.0	5.0	18.0
15 11 75 1500			.3		32544	6 9 0		10. L	10. L	100. L		2.0	7.0	8.5
13 12 75 1525			.3		32592	6 9 0		100. L	10. L	400.		1.0	7.0	10.0
MAXIMUM								72000E+1	42000.	11000.		22.0	8.0	140.0
AVG OR GEOM MN (*)								201.* E	43.* D	82.* E		7.3	6.3	23.3
MINIMUM								1.	1.	1.		1.0	5.0	2.4
NO OF SAMPLES								11	11	11		12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
10 01 75 1445			.3		0.180	0.003	19.00	28.00	0.026	0.210	25.00	1800	108.	6.9
04 02 75 1610			.3		0.025	0.001	50.00	54.00	0.062	0.140	1.40	2200	90.	8.1
15 03 75 1535			.3		0.054	0.002	39.00	48.00	0.048	0.150	11.00	2400	164.	8.0
12 04 75 1425			.3		1.100	0.004	13.00	17.00	0.033	0.150	76.00	1210	151.	7.0
10 05 75 1520			.3		0.050	0.001L	20.00	21.00	0.040	0.360	20.00	1800	110.	7.3
01 06 75 1535			.3		8.500	2.300	11.00	31.00	0.140	0.520	480.00	1140	150.	6.6
05 07 75 1525			.3		0.052	0.002	20.00	32.00	0.139	1.400	8.00	2250	100.	4.5
10 08 75 1500			.3		0.530	0.046	8.30	8.30	1.300	3.700	11.00	1380	100.	6.4
15 09 75 1350			.3		0.150	0.034	27.00	29.00	0.270	2.100	6.50	2200	98.	6.7
16 10 75 1415			.3		0.130	0.001	14.00	17.00	0.200	1.800	72.00	1750	82.	5.9
15 11 75 1500			.3		0.080	0.001L	11.00	11.00	0.210	1.700	39.00	2000	90.	5.6
13 12 75 1525			.3		0.200	0.002	12.00	18.00	0.075	0.200	85.00	2200		8.5
MAXIMUM					8.500	2.300	50.00	54.00	1.300	3.700	480.00	2400	164.	8.5
AVG OR GEOM MN (*)					0.921	0.200D	20.36	26.19	0.212	1.036	69.58	1861	113.	6.8
MINIMUM					0.025	0.001	8.30	8.30	0.026	0.140	1.40	1140	82.	4.5
NO OF SAMPLES					12	12	12	12	12	12	12	12	11	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
10 01 75 1445			.3		750.									
04 02 75 1610			.3		310.									
15 03 75 1535			.3		1062.									
12 04 75 1425			.3		270.									
10 05 75 1520			.3		950.									
01 06 75 1535			.3		250.									
05 07 75 1525			.3		1150.									
10 08 75 1500			.3		1575.									
15 09 75 1350			.3		1200.									
15 11 75 1500			.3		925.									
13 12 75 1525			.3		625.									
MAXIMUM					1575.									
AVG OR GEOM MN (*)					824.									
MINIMUM					250.									
NO OF SAMPLES					11									

CONT'D

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O.D.W./ SITE: JUNCTION CREEK                                                                 STATION ID:  14-0026-004-02
SAMPLE POINT: UPSTREAM FROM KELLY LAKE
STATION TYPE: RIVER                                         MAJOR BASIN: GREAT LAKES                         STORET CODE: 02
                                                            MINOR BASIN: LAKE HURON                                       002
                                                            TERM STREAM: SPANISH RIVER                                    7950

STN NO      4      LAT                     LONG             U.T.M. 17 0497350.0 5145200.0 4     REGION 05          MILEAGE   80.80

                                         934       203       265        64        72       221       225       272       215       229
SAMP DTE HOUR  STN  STN SAMP  PJ      SAMPLE     TOTAL     TOTAL               TOTAL     TOTAL     TOTAL    SIMPLE     TOTAL     TOTAL
DY MO YR LMT   DIST BRG DEPTH             NO  ALUMINUM   ARSENIC   CALCIUM   CALCIUM  CHROMIUM    COPPER   CYANIDE   CADMIUM      LEAD
               FEET      MTRS                     MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

10 01 75 1445              .3          32019                                                      0.38
04 02 75 1610              .3          32068              0.01 L                        0.04 L                                  0.04
15 03 75 1535              .3          32135                                                      0.15
12 04 75 1425              .3          32181                                                      1.00
10 05 75 1520              .3          32230                                                      0.42
01 06 75 1535              .3          32280                                                      0.61 L
05 07 75 1525              .3          32344                                                      0.10
10 08 75 1500              .3          32390                                                      0.12
15 09 75 1350              .3          32450                                                      0.09
15 11 75 1500              .3          32544                                                      0.75
13 12 75 1525              .3          32592                                                      1.10


                      MAXIMUM                             0.01                          0.04      1.10                          0.04
           AVG OR GEOM MN (*)                             0.01 D                        0.04 D    0.47 D                        0.04
                      MINIMUM                             0.01                          0.04      0.09                          0.04

                NO OF SAMPLES                                1                             1        10                             1



                                          65        74       200       235       238       249       217       218       219       361
SAMP DTE HOUR  STN  STN SAMP  PJ         MAG  TOT. MAG  MANGNESE     TOTAL     TOTAL     TOTAL     TOTAL    BARIUM  SELENIUM   SOLVENT
DY MO YR LMT.  DIST BRG DEPTH         NESIUM    NESIUM        MN   MERCURY    NICKEL      ZINC    COBALT      MG/L      MG/L  EXTRBLES
               FEET      MTRS           MG/L      MG/L      MG/L      UG/L      MG/L      MG/L      MG/L                          MG/L

10 01 75 1445              .3                                                  2.70     0.070
04 02 75 1610              .3                              0.30
15 03 75 1535              .3                                                  1.70     0.050
12 04 75 1425              .3                                                  2.10     0.140
10 05 75 1520              .3                                                  3.30     0.070
01 06 75 1535              .3                                                  1.20     0.280
05 07 75 1525              .3                                                  1.80     0.060
10 08 75 1500              .3                                                  2.00     0.050
15 09 75 1350              .3                                                  3.60     0.100
15 11 75 1500              .3                                                  4.60     0.150
13 12 75 1525              .3                                                  3.40     0.210


                      MAXIMUM                              0.30                4.60     0.280
           AVG OR GEOM MN (*)                              0.30                2.64     0.118
                      MINIMUM                              0.30                1.20     0.050

                NO OF SAMPLES                                 1                  10        10
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SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

B.O.W./ SITE: COPPER CLIFF CREEK
SAMPLE POINT: AT HIGHWAY 17, DOWNSTREAM FROM COPPER CLIFF
STATION TYPE: RIVER

STATION ID: 14-0028-005-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO 5   LAT   LONG   U.T.M. 17 0497100.0 5145850.0 4   REGION 05   MILEAGE 81.90

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
10 01 75	1420			.3		32018	6 9						1.0	7.0	26.0
04 02 75	1530			.3		32067	6 9 0		20.	1.	10. L		1.0	6.0	45.0
15 03 75	1455			.3		32134	6 9 0		10. L	1.	1.		2.0	6.0	12.0
12 04 75	1400			.3		32180	6 9 0		4.	1.	16.		3.0	5.0	19.0
10 05 75	1455			.3		32229	6 9 0		1.	1.	1.		11.0	6.0	5.6
01 06 75	1510			.3		32279	6 9 0		52.	16.	1.		12.0	5.0	28.0
05 07 75	1500			.3		32343	6 9 0		1.	1.	1.		21.0	6.0	10.0
10 08 75	1425			.3		32389	6 9 0		1.	1.	1.		23.0	5.0	3.4
15 09 75	1325			.3		32449	6 9 0		52.	4.	1.		11.0	6.0	3.4
16 10 75	1350			.3		32495	6 9 0		32.	4.	1.		4.0	5.0	18.0
15 11 75	1430			.3		32543	6 9 0		10. L	10. L	100. L		3.0	6.0	9.0
13 12 75	1500			.3		32591	6 9 0		100. L	10. L	10.		1.0	6.0	9.0
MAXIMUM									100.	16.	100.		23.0	7.0	45.0
AVG OR GEOM MN (*)									10.* D	3.* D	3.* D		7.8	5.8	15.7
MINIMUM									1.	1.	1.		1.0	5.0	3.4
NO OF SAMPLES									11	11	11		12	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
10 01 75	1420			.3		0.055	0.001	36.00	48.00	0.039	0.250	40.00	2550	123.	6.9
04 02 75	1530			.3		0.025	0.001	70.00	71.00	0.038	0.080	16.00	2750	131.	8.5
15 03 75	1455			.3		0.044	0.002	54.00	66.00	0.051	0.210	12.00	2700	163.	8.4
12 04 75	1400			.3		0.270	0.002	25.00	29.00	0.030	0.120	100.00	5900	109.	7.0
10 05 75	1455			.3		0.050	0.001	29.00	35.00	0.050	0.430	22.00	2300	120.	7.2
01 06 75	1510			.3		0.005	0.001	24.00	41.00	0.190	0.560	23.00	2350	78.	7.6
05 07 75	1500			.3		0.039	0.001	26.00	42.00	0.002	0.620	9.00	2650	100.	3.8
10 08 75	1425			.3		0.030	0.005	30.00	36.00	0.002	2.400	8.60	2850	110.	3.5
15 09 75	1325			.3		0.016	0.001	45.00	60.00	0.420	2.200	18.00	3000	110.	5.7
16 10 75	1350			.3		0.150	0.001	45.00	52.00	0.520	2.500	46.00	3000	120.	6.6
15 11 75	1430			.3		0.045	0.001L	34.00	96.00	0.470	2.400	8.30	3000	125.	4.2
13 12 75	1500			.3		0.048	0.001	34.00	39.00	0.270	0.130	30.00	2600	203.	8.8
MAXIMUM						0.270	0.005	70.00	96.00	0.520	2.500	100.00	5900	203.	8.8
AVG OR GEOM MN (*)						0.065	0.002D	37.67	51.25	0.174	0.992	27.74	2971	124.	6.5
MINIMUM						0.005	0.001	24.00	29.00	0.002	0.080	8.30	2300	78.	3.5
NO OF SAMPLES						12	12	12	12	12	12	12	12	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
10 01 75	1420			.3		1200.									
04 02 75	1530			.3		1100.									
15 03 75	1455			.3		1075.									
12 04 75	1400			.3		300.									
10 05 75	1455			.3		900.									
01 06 75	1510			.3		1125.									
05 07 75	1500			.3		1475.									
10 08 75	1425			.3		1625.									
15 09 75	1325			.3		1800.									
15 11 75	1430			.3		1600.									
13 12 75	1500			.3		1200.									
MAXIMUM						1800.									
AVG OR GEOM MN (*)						1218.									
MINIMUM						300.									
NO OF SAMPLES						11									

CONT'D

B.O.W./ SITE: COPPER CLIFF CREEK
SAMPLE POINT: AT HIGHWAY 17, DOWNSTREAM FROM COPPER CLIFF
STATION TYPE: RIVER

STATION ID: 14-0028-005-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO 5 LAT LONG U.T.M. 17 0497100.0 5145850.0 4 REGION 05 MILEAGE 81.90

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	203 TOTAL ALUMINUM MG/L	265 TOTAL ARSENIC MG/L	64 CALCIUM MG/L	72 TOTAL CALCIUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	272 SIMPLE CYANIDE MG/L	215 TOTAL CADMIUM MG/L	229 TOTAL LEAD MG/L
10 01 75 1420			.3		32018						0.28			
04 02 75 1530			.3		32067		0.01 L			0.04 L				0.06
15 03 75 1455			.3		32134						0.10			
12 04 75 1400			.3		32180						0.84			
10 05 75 1455			.3		32229						0.18			
01 06 75 1510			.3		32279						0.08 L			
05 07 75 1500			.3		32343						0.12			
10 08 75 1425			.3		32389						0.27			
15 09 75 1325			.3		32449						0.13			
15 11 75 1430			.3		32543						0.23			
13 12 75 1500			.3		32591						0.37			
MAXIMUM							0.01			0.04	0.84			0.06
AVG OR GEOM MN (*)							0.01 D			0.04 D	0.26 D			0.06
MINIMUM							0.01			0.04	0.08			0.06
NO OF SAMPLES							1			1	10			1

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	65 MAG NESIUM MG/L	74 TOT. MAG NESIUM MG/L	200 MANGNESE MN MG/L	235 TOTAL MERCURY UG/L	238 TOTAL NICKEL MG/L	249 TOTAL ZINC MG/L	217 TOTAL COBALT MG/L	218 BARIUM MG/L	219 SELENIUM MG/L	361 SOLVENT EXTRBLES MG/L
10 01 75 1420			.3						2.90	0.050				
04 02 75 1530			.3				0.28							
15 03 75 1455			.3						0.98	0.030L				
12 04 75 1400			.3						1.60	0.080				
10 05 75 1455			.3						1.40	0.020				
01 06 75 1510			.3						1.20	0.020				
05 07 75 1500			.3						1.10	0.040				
10 08 75 1425			.3						2.50	0.040				
15 09 75 1325			.3						2.40	0.040				
15 11 75 1430			.3						2.30	0.040				
13 12 75 1500			.3						0.77	0.030				
MAXIMUM							0.28		2.90	0.080				
AVG OR GEOM MN (*)							0.28		1.72	0.039D				
MINIMUM							0.28		0.77	0.020				
NO OF SAMPLES							1		10	10				

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SAMPLE INFORMATION SYSTEM       STATION SUMMARY REPORT - RIVER BASINS                        DATE OF REPORT   28 OCT 77

 B.O.W./ SITE: VERMILION RIVER                                                                  STATION ID:  14-0028-006-02
 SAMPLE POINT: DOWNSTREAM FROM JUNCTION WITH WHITSON RIVER
 STATION TYPE: RIVER                                    MAJOR BASIN: GREAT LAKES                               STORET CODE: 02
                                                        MINOR BASIN: LAKE HURON                                             002
                                                        TERM STREAM: SPANISH RIVER                                          7950

STN NO     6      LAT               LONG                U.T.M. 17 0477900.0 5152300.0 4      REGION 05             MILEAGE   79.40

                                     934        901      444        80        81        84        88       805         3         1
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE       SCD  FLOW CFS     TOTAL     FECAL      M.F.    PSEUD.     WATER     DISS.      5-DAY
DY MO YR LMT   DIST BRG DEPTH           NO                      COLIFORM  COLIFORM    ENTER.       MPA     TEMP.        02       BOD
               FEET      MTRS                                   MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L

10 01 75 1145              .3       32013    6 8                                                           0.0      10.0        2.0
04 02 75 1235              .3       32062    6 8 4                36.       12.        4.                  0.0      11.0        1.2
15 03 75 1220              .3       32129    4 6 8                 8.        1.        1.                  0.0      10.0        0.6
12 04 75 1120              .3       32175    6 8                                                           0.0      10.0        0.8
10 05 75 1220              .3       32224    6 8                   8.        1.        1.                  9.0      10.0        0.6
01 06 75 1235              .3       32274    6 8                  32.        1.       20.                 11.0      10.0        0.8
05 07 75 1230              .3       32338    6 8                 600.  G     1.        1.                 18.0      10.0        0.8
10 08 75 1145              .3       32384    6 8                 100.  G    24.        8.                 20.0      10.0        0.6
15 09 75 1045              .3       32444    6 8                  40.        1.        1.                  8.0      11.0        0.8
16 10 75 1100              .3       32490    6 8                  96.        8.        1.                  2.0      10.0        1.2
15 11 75 1140              .3       32538    6 8                  30.        1.        1.                  1.0      11.0        1.0
13 12 75 1215              .3       32586    6 8                  10.  L     1.        1.                  0.0      10.0        0.8


                      MAXIMUM                                    600.       24.       20.                 20.0      11.0        2.0
           AVG OR GEOM MN (*)                                     37.* E     2.*       2.*                 5.8      10.3        0.9
                      MINIMUM                                      8.        1.        1.                  0.0      10.0        0.6

                NO OF SAMPLES                                        10        10        10                  12        12        12




                                      33        34        19        20        21        22        16        14        56         55
SAMP DTE HOUR  STN  STN SAMP  PJ     TOTAL  FILTERED  FILTERED     TOTAL   NITRITE   NITRATE    TURB.      COND.  CHLORIDE         PH
DY MO YR LMT   DIST BRG DEPTH            P  REACTIVE   AMMONIA  KJELDAHL     NO2-N     NO3-N  FORMAZIN      25C      MG/L    AT LAB
               FEET      MTRS         MG/L    P MG/L      MG/L      MG/L      MG/L      MG/L    UNITS      UMHOS

10 01 75 1145              .3        0.012    0.004     0.09      0.28      0.009     0.040      1.30       133       5.
04 02 75 1235              .3        0.011    0.004     0.10      0.28      0.008     0.170      1.30       143       5.
15 03 75 1220              .3        0.015    0.006     0.12      0.12      0.013     0.150      1.60       154       6.
12 04 75 1120              .3        0.012    0.003     0.11      0.27      0.010     0.040      1.70       160      16.
10 05 75 1220              .3        0.021    0.009     0.01      0.21      0.004     0.040      1.60        76       2.
01 06 75 1235              .3        0.004    0.001     0.02      0.08      0.007     0.010L     1.30        93       3.
05 07 75 1230              .3        0.019    0.001     0.01      0.27      0.007     0.040      1.50       108       3.
10 08 75 1145              .3        0.013    0.002     0.02      0.22      0.003     0.010L     1.00       130       4.
15 09 75 1045              .3        0.005    0.001     0.01 L    0.21      0.003     0.010L     0.75       150       5.
16 10 75 1100              .3        0.010    0.001     0.02      0.22      0.003     0.020      1.00       175       6.
15 11 75 1140              .3        0.011    0.001     0.05      0.21      0.006     0.030      2.00       175       7.
13 12 75 1215              .3        0.010    0.001     0.04      0.25      0.006     0.070      1.20       135       5.


                      MAXIMUM        0.021    0.009     0.12      0.28      0.013     0.170      2.00       175      16.
           AVG OR GEOM MN (*)        0.012    0.003     0.05 D    0.22      0.007     0.053D     1.35       136       5.
                      MINIMUM        0.004    0.001     0.01      0.08      0.003     0.010      0.75        76       2.

                NO OF SAMPLES          12        12        12        12        12        12         12       12        12
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SAMPLE INFORMATION SYSTEM      STATION SUMMARY REPORT - RIVER BASINS                           DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: WHITSON RIVER                                                                      STATION ID:  14-0028-008-02
 SAMPLE POINT: AT BRIDGE IN CHELMSFORD
 STATION TYPE: RIVER                                        MAJOR BASIN: GREAT LAKES                        STORET CODE: 02
                                                            MINOR BASIN: LAKE HURON                                      002
                                                            TERM STREAM: SPANISH RIVER                                   7950

STN NO      8       LAT                  LONG               U.T.M. 17 0484700.0 5158600.0 4     REGION 05             MILEAGE   86.50


                                           934      901      444        80         81        84        88       805        3          1
SAMP DTE HOUR   STN  STN SAMP  PJ        SAMPLE       SCD  FLOW CFS    TOTAL      FECAL      M.F.     PSEUD.    WATER      DISS.      5-DAY
DY MO YR LMT    DIST BRG DEPTH              NO                       COLIFORM   COLIFORM    ENTER.      MPA     TEMP.        O2        BOD
                FEET       MTRS                                      MF/100ML   MF/100ML  MF/100ML  MF/100ML    DEG C      MG/L       MG/L

10 01 75 1240                .3          32015    6 8        34.0                                              0.0       10.0        1.8
04 02 75 1330                .3          32064    6 8 4      34.0      24.        1.        1.                 0.0       10.0        1.2
15 03 75 1325                .3          32131    4 6 8      27.5       4.        1.        1.                 0.0       10.0        0.6
12 04 75 1225                .3          32177    6 8        36.0    3100.     1500.      160.                 0.0        9.0        0.8
10 05 75 1325                .3          32226    6 8       200.       40.       10.  L     1.                 9.0        9.0        1.0
01 06 75 1340                .3          32276    6 8        82.9      88.       20.        1.                11.0        9.0        0.6
05 07 75 1330                .3          32340    6 8        31.2   17100.      400.        1.                20.0        9.0        1.0
10 08 75 1245                .3          32386    6 8        18.7  12700E+1  15000.  G     40.                21.0        8.0        1.2
15 09 75 1140                .3          32446    6 8        23.4     400.      100.       10.  L              9.0        9.0        0.6
16 10 75 1155                .3          32492    6 8        69.5     700.       20.       64.                 2.0       10.0        1.2
15 11 75 1235                .3          32540    6 8        76.0     220.        1.        1.                 1.0       10.0        0.6
13 12 75 1315                .3          32588    6 8        73.0      20.        8.        4.                 0.0       10.0        0.4


                       MAXIMUM                              200.   12700E+1  15000.      160.                21.0       10.0        1.8
          AVG OR GEOM MN (*)                                 58.9     313.*      31.* E     5.* D             6.1        9.4        0.9
                       MINIMUM                               18.7       4.        1.        1.                 0.0        8.0        0.4

                  NO OF SAMPLES                                12        11        11        11                  12         12         12




                                           33        34        19         20        21        22        16        14         56         55
SAMP DTE HOUR   STN  STN SAMP  PJ        TOTAL  FILTERED  FILTERED     TOTAL    NITRITE   NITRATE     TURB.     COND.   CHLORIDE        PH
DY MO YR LMT    DIST BRG DEPTH               P  REACTIVE   AMMONIA  KJELDAHL     NO2-N     NO3-N  FORMAZIN       25C       MG/L     AT LAB
                FEET       MTRS            MG/L    P MG/L      MG/L      MG/L      MG/L      MG/L     UNITS     UMHOS

10 01 75 1240                .3          0.032     0.014     0.14      0.44      0.005     0.070      2.00       285       14.
04 02 75 1330                .3          0.015     0.010     0.11      0.38      0.005     0.260      2.20       235       10.
15 03 75 1325                .3          0.023     0.012     0.11      0.11      0.007     0.390      2.90       251       14.
12 04 75 1225                .3          0.040     0.022     0.28      0.52      0.007     0.120      3.00       280       99.
10 05 75 1325                .3          0.029     0.007     0.02      0.48      0.007     0.030      1.90       170        8.
01 06 75 1340                .3          0.026     0.009     0.01      0.44      0.009     0.090      3.90       260       13.
05 07 75 1330                .3          0.056     0.012     0.12      0.60      0.022     0.340      1.50       325       15.
10 08 75 1245                .3          0.072     0.029     0.01 L    0.60      0.200     0.130      1.90       335       16.
15 09 75 1140                .3          0.013     0.002     0.01 L    0.25      0.004     0.140      1.30       350       20.
16 10 75 1155                .3          0.014     0.004     0.02      0.28      0.004     0.380      1.70       330       20.
15 11 75 1235                .3          0.010     0.001     0.01      0.38      0.005     0.270      1.70       320       16.
13 12 75 1315                .3          0.011     0.002     0.06      0.33      0.005     0.300      1.20       275       12.


                       MAXIMUM                   0.072     0.029     0.28      0.60      0.200     0.390      3.90       350       99.
          AVG OR GEOM MN (*)                     0.028     0.010     0.08 D    0.40      0.023     0.210      2.10       285       21.
                       MINIMUM                   0.010     0.001     0.01      0.11      0.004     0.030      1.20       170        8.

                  NO OF SAMPLES                    12        12        12        12        12        12        12        12         12
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SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: VERMILION RIVER
SAMPLE POINT: DOWNSTREAM FROM CPR YARDS, CAPREOL
STATION TYPE: RIVER

STATION ID: 14-0028-009-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO 9 LAT LONG U.T.M. 17 0505550.0 5172175.0 4 REGION 05 MILEAGE 134.20

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
11 01 75	1125			.3		32024	4 6 8		4.	1.	4.		0.0	12.0	2.0
07 02 75	1100			.3		32073	6 8 4		20.	1.	1.		0.0	11.0	0.6
16 03 75	1120			.3		32140	4 6 8		1.	1.	1.		0.0	11.0	1.2
13 04 75	1040			.3		32186	6 8		1.	1.	1.		0.0	10.0	1.2
11 05 75	1115			.3		32235	6 8		1.	1.	1.		9.0	11.0	0.8
02 06 75	1035			.3		32285	6 8		416.	1.	1.		11.0	11.0	0.8
06 07 75	1110			.3		32349	6 8		140.	4.	4.		19.0	10.0	0.4
12 08 75	1120			.3		32395	6 8						20.0	11.0	0.2
16 09 75	1015			.3		32455	6 8		30.	4.	1.		8.0	11.0	0.6
17 10 75	0955			.3		32501	6 8		10. L	1.	1.		2.0	11.0	0.4
16 11 75	1120			.3		32549	6 8		8.	1.	1.		1.0	12.0	0.8
14 12 75	1050			.3		32597	4 6 8		16.	1.	1.		0.0	11.0	0.4
MAXIMUM									416.	4.	4.		20.0	12.0	2.0
AVG OR GEOM MN (*)									11.* D	1.*	1.*		5.8	11.0	0.8
MINIMUM									1.	1.	1.		0.0	10.0	0.2
NO OF SAMPLES									11	11	11		12	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
11 01 75	1125			.3		0.009	0.003	0.02	0.18	0.002	0.050	0.80	72	1.	7.2
07 02 75	1100			.3		0.004	0.001	0.02	0.17	0.003	0.160	1.70	82	2.	
16 03 75	1120			.3		0.004	0.002	0.04	0.24	0.003	0.060	1.10	820	2.	
13 04 75	1040			.3		0.008	0.001	0.03	0.19	0.002	0.030	1.40	91	2.	7.3
11 05 75	1115			.3		0.054	0.024	0.01 L	0.23	0.002	0.010	1.10	70	3.	6.9
02 06 75	1035			.3		0.006	0.002	0.02	0.30	0.002	0.010	1.50	71	1.	
06 07 75	1110			.3		0.022	0.004	0.01	0.26	0.002	0.030	1.00	71	1.	
12 08 75	1120			.3		0.007	0.002	0.02	0.22	0.002	0.020	1.00	85	1.	
16 09 75	1015			.3		0.033	0.018	0.02	0.21	0.002	0.040	1.10	85	1.	7.7
17 10 75	0955			.3		0.019	0.008	0.02	0.23	0.002	0.080	1.20	110	2.	
16 11 75	1120			.3		0.005	0.001L	0.01	0.20	0.003	0.090	1.50	100	17.	
14 12 75	1050			.3		0.005	0.001	0.02	0.18	0.002	0.050	0.95	85	2.	7.1
MAXIMUM						0.054	0.024	0.04	0.30	0.003	0.160	1.70	820	17.	7.7
AVG OR GEOM MN (*)						0.015	0.006D	0.02 D	0.22	0.002	0.053	1.20	145	2.	7.2
MINIMUM						0.004	0.001	0.01	0.17	0.002	0.010	0.80	70	1.	6.9
NO OF SAMPLES						12	12	12	12	12	12	12	12	12	5

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
11 01 75	1125			.3		32024							1.		
07 02 75	1100			.3		32073							1.		
16 03 75	1120			.3		32140							1.		
13 04 75	1040			.3		32186									
11 05 75	1115			.3		32235									
02 06 75	1035			.3		32285							1.		
06 07 75	1110			.3		32349							1.		
12 08 75	1120			.3		32395							1. L		
16 09 75	1015			.3		32455							1. L		
17 10 75	0955			.3		32501							1.		
16 11 75	1120			.3		32549							1. L		
14 12 75	1050			.3		32597							1. L		
MAXIMUM													1.		
AVG OR GEOM MN (*)													1. D		
MINIMUM													1.		
NO OF SAMPLES													10		

CONT'D

B.O.W./ SITE: VERMILION RIVER
SAMPLE POINT: DOWNSTREAM FROM CPR YARDS, CAPREOL
STATION TYPE: RIVER

STATION ID: 14-0028-009-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO 9 LAT LONG U.T.M. 17 0505550.0 5172175.0 4 REGION 05 MILEAGE 134.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
11 01 75 1125			.3		15.									
07 02 75 1100			.3		15.									
16 03 75 1120			.3		16.									
13 04 75 1040			.3		17.									
11 05 75 1115			.3		13.									
02 06 75 1035			.3		14.									
06 07 75 1110			.3		13.									
12 08 75 1120			.3		14.									
16 09 75 1015			.3		14.									
17 10 75 0955			.3		22.									
16 11 75 1120			.3		21.									
14 12 75 1050			.3		13.									
MAXIMUM					22.									
AVG OR GEOM MN (*)					15.									
MINIMUM					13.									
NO OF SAMPLES					12									

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	203 TOTAL ALUMINUM MG/L	265 TOTAL ARSENIC MG/L	64 CALCIUM MG/L	72 TOTAL CALCIUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	272 SIMPLE CYANIDE MG/L	215 TOTAL CADMIUM MG/L	229 TOTAL LEAD MG/L
07 02 75 1100			.3		32073					0.04 L				0.03 L
16 03 75 1120			.3		32140						0.03 L			
13 04 75 1040			.3		32186						0.02			
11 05 75 1115			.3		32235						0.01 L			
02 06 75 1035			.3		32285						0.01 L			
06 07 75 1110			.3		32349						0.03 L			
12 08 75 1120			.3		32395						0.03 L			
16 09 75 1015			.3		32455						0.03 L			
16 11 75 1120			.3		32549						0.01 L			
14 12 75 1050			.3		32597						0.02			
MAXIMUM										0.04	0.03			0.03
AVG OR GEOM MN (*)										0.04 D	0.02 D			0.03 D
MINIMUM										0.04	0.01			0.03
NO OF SAMPLES										1	9			1

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	65 MAG NESIUM MG/L	74 TOT. MAG NESIUM MG/L	200 MANGNESE MN MG/L	235 TOTAL MERCURY UG/L	238 TOTAL NICKEL MG/L	249 TOTAL ZINC MG/L	217 TOTAL COBALT MG/L	218 BARIUM MG/L	219 SELENIUM MG/L	361 SOLVENT EXTRBLES MG/L
07 02 75 1100			.3				0.09							
16 03 75 1120			.3						0.04 L	0.030L				
13 04 75 1040			.3						0.02 L	0.010L				
11 05 75 1115			.3						0.02 L	0.010L				
02 06 75 1035			.3						0.02 L	0.010L				
06 07 75 1110			.3						0.08	0.040				
12 08 75 1120			.3						0.04 L	0.030L				
16 09 75 1015			.3						0.03 L	0.030L				
16 11 75 1120			.3						0.01 L	0.010L				
14 12 75 1050			.3						0.01 L	0.030				
MAXIMUM							0.09		0.08	0.040				
AVG OR GEOM MN (*)							0.09		0.03 D	0.022D				
MINIMUM							0.09		0.01	0.010				
NO OF SAMPLES							1		9	9				

SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: VERMILION RIVER
SAMPLE POINT: AT FOOT OF BASS LAKE UPSTREAM FROM CAPREOL
STATION TYPE: RIVER

STATION ID: 14-0028-010-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO 10 LAT LONG U.T.M. 17 0503750.0 5173200.0 4 REGION 05 MILEAGE 137.60

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
11 01 75 1050			.3		32023	4 6 8		8.	1.	1.		0.0	12.0	2.0
07 02 75 1030			.3		32072	6 8 4		24.	4.	1.		0.0	11.0	1.2
16 03 75 1045			.3		32139	4 6 8		1.	1.	1.		0.0	11.0	0.8
13 04 75 1015			.3		32185	6 8		1.	1.	1.		0.0	11.0	0.8
11 05 75 1040			.3		32234	6 8		16.	1.	1.		9.0	11.0	0.6
02 06 75 1010			.3		32284	6 8		236.	16.	1.		11.0	11.0	1.0
06 07 75 1045			.3		32348	6 8		68.	4.	1.		19.0	10.0	0.4
12 08 75 1055			.3		32394	6 8						20.0	11.0	0.2
16 09 75 0950			.3		32454	6 8		20.	1.	1.		8.0	11.0	0.4
17 10 75 0935			.3		32500	6 8		20.	4.	1.		2.0	12.0	0.6
16 11 75 1055			.3		32548	6 8		10.	1.	1.		1.0	12.0	0.6
14 12 75 1025			.3		32596	4 6 8		10. L	1.	1.		0.0	11.0	0.8
MAXIMUM								236.	16.	1.		20.0	12.0	2.0
AVG OR GEOM MN (*)								13.* D	2.*	1.*		5.8	11.2	0.8
MINIMUM								1.	1.	1.		0.0	10.0	0.2
NO OF SAMPLES								11	11	11		12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
11 01 75 1050			.3		0.061	0.019	0.02	0.15	0.002	0.060	0.95	74	6.	1.1
07 02 75 1030			.3		0.004	0.002	0.03	0.21	0.002	0.130	1.70	86	2.	5.0
16 03 75 1045			.3		0.005	0.002	0.05	0.25	0.003	0.040	1.50	880	2.	7.2
13 04 75 1015			.3		0.011	0.004	0.05	0.20	0.002	0.020	1.30	98	2.	7.4
11 05 75 1040			.3		0.010	0.001	0.02	0.21	0.002	0.010	0.90	68	3.	7.0
02 06 75 1010			.3		0.004	0.002	0.02	0.27	0.002	0.020	1.10	71	1.	7.8
06 07 75 1045			.3		0.052	0.020	0.05	0.67	0.003	0.030	1.40	80	1.	7.4
12 08 75 1055			.3		0.005	0.005	0.01	0.21	0.002	0.020	1.00	85	1.	7.5
16 09 75 0950			.3		0.084	0.064	0.01	0.20	0.002	0.040	1.60	95	1.	7.7
17 10 75 0935			.3		0.088	0.070	0.01	0.23	0.002	0.080	1.30	115	2.	7.9
16 11 75 1055			.3		0.008	0.001L	0.01 L	0.28	0.003	0.090	1.40	105	1.	7.5
14 12 75 1025			.3		0.008	0.001	0.02	0.20	0.002	0.050	0.95	90	2.	7.1
MAXIMUM					0.088	0.070	0.05	0.67	0.003	0.130	1.70	880	6.	7.9
AVG OR GEOM MN (*)					0.028	0.016D	0.03 D	0.26	0.002	0.049	1.26	154	2.	6.7
MINIMUM					0.004	0.001	0.01	0.15	0.002	0.010	0.90	68	1.	1.1
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
11 01 75 1050			.3		16.									
07 02 75 1030			.3		16.									
16 03 75 1045			.3		16.									
13 04 75 1015			.3		17.									
11 05 75 1040			.3		13.									
02 06 75 1010			.3		14.									
06 07 75 1045			.3		17.									
12 08 75 1055			.3		15.									
16 09 75 0950			.3		14.									
17 10 75 0935			.3		22.									
16 11 75 1055			.3		22.									
14 12 75 1025			.3		13.									
MAXIMUM					22.									
AVG OR GEOM MN (*)					16.									
MINIMUM					13.									
NO OF SAMPLES					12									

CONT'D

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B.O.W./ SITE: VERMILION RIVER                                                                 STATION ID:  14-0028-010-02
SAMPLE POINT: AT FOOT OF BASS LAKE UPSTREAM FROM CAPREOL
STATION TYPE: RIVER                                      MAJOR BASIN: GREAT LAKES                               STORET CODE: 02
                                                         MINOR BASIN: LAKE HURON                                             002
                                                         TERM STREAM: SPANISH RIVER                                          7950

STN NO     10       LAT                 LONG             U.T.M. 17 0503750.0 5173200.0 4      REGION 05            MILEAGE  137.60

                                         934       203       265        64        72       221       225       272       215       229
SAMP DTE HOUR  STN  STN SAMP  PJ       SAMPLE     TOTAL     TOTAL                TOTAL     TOTAL     TOTAL    SIMPLE     TOTAL     TOTAL
DY MO YR LMT   DIST BRG DEPTH              NO  ALUMINUM   ARSENIC   CALCIUM   CALCIUM  CHROMIUM    COPPER   CYANIDE   CADMIUM      LEAD
               FEET     MTRS                       MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

11 01 75 1050             .3           32023                                                      0.03 L
07 02 75 1030             .3           32072                                            0.04 L                                  0.03 L
16 03 75 1045             .3           32139                                                      0.03 L
13 04 75 1015             .3           32185                                                      0.01
11 05 75 1040             .3           32234                                                      0.01 L
02 06 75 1010             .3           32284                                                      0.01 L
12 08 75 1055             .3           32394                                                      0.03 L
16 09 75 0950             .3           32454                                                      0.03 L
16 11 75 1055             .3           32548                                                      0.01 L
14 12 75 1025             .3           32596                                                      0.02 L


                     MAXIMUM                                                            0.04      0.03                          0.03
          AVG OR GEOM MN (*)                                                            0.04 D    0.02 D                        0.03 D
                     MINIMUM                                                            0.04      0.01                          0.03

                NO OF SAMPLES                                                              1         9                             1


                                          65        74       200       235       238       249       217       218       219       361
SAMP DTE HOUR  STN  STN SAMP  PJ          MAG  TOT. MAG  MANGNESE     TOTAL     TOTAL     TOTAL     TOTAL    BARIUM  SELENIUM   SOLVENT
DY MO YR LMT   DIST BRG DEPTH          NESIUM    NESIUM        MN   MERCURY    NICKEL      ZINC    COBALT      MG/L      MG/L  EXTRBLES
               FEET     MTRS             MG/L      MG/L      MG/L      UG/L      MG/L      MG/L      MG/L                          MG/L

11 01 75 1050             .3                                                  0.04 L    0.020L
07 02 75 1030             .3                                0.03
16 03 75 1045             .3                                                  0.04 L    0.030L
13 04 75 1015             .3                                                  0.02 L    0.010L
11 05 75 1040             .3                                                  0.02 L    0.010L
02 06 75 1010             .3                                                  0.02 L    0.010L
12 08 75 1055             .3                                                  0.04 L    0.030L
16 09 75 0950             .3                                                  0.03 L    0.030L
16 11 75 1055             .3                                                  0.01 L    0.010L
14 12 75 1025             .3                                                  0.01 L    0.020L


                     MAXIMUM                                0.03              0.04      0.030
          AVG OR GEOM MN (*)                                0.03              0.03 D    0.019D
                     MINIMUM                                0.03              0.01      0.010

                NO OF SAMPLES                                  1                 9         9
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SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

B.O.W./ SITE: ROBERTS RIVER
SAMPLE POINT: AT MILNET - SHELLWOOD ROAD, MOOSE MINE
STATION TYPE: RIVER

STATION ID: 14-0028-011-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO 11   LAT   LONG   U.T.M. 17 0498600.0 5187350.0 4   REGION 05   MILEAGE 146.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
11 01 75 1025			.3		32022	4 8 6		16.	1.	1.		0.0	11.0	1.8
07 02 75 0950			.3		32071	6 8 4		16.	1.	1.		0.0	11.0	0.8
16 03 75 1015			.3		32138	4 6 8		1.	1.	1.		0.0	10.0	3.5
13 04 75 0945			.3		32184	6 8		1.	1.	4.		0.0	10.0	0.8
11 05 75 1010			.3		32233	6 8		20.	1.	1.		9.0	11.0	0.4
02 06 75 0940			.3		32283	6 8		80.	8.	1.		11.0	11.0	0.8
06 07 75 1015			.3		32347	6 8		108.	28.	1.		19.0	11.0	0.6
12 08 75 1020			.3		32393	6 8						20.0	11.0	0.4
16 09 75 0925			.3		32453	6 8		50.	16.	8.		8.0	11.0	0.6
17 10 75 0905			.3		32499	6 8		20.	1.	4.		2.0	11.0	0.8
16 11 75 1020			.3		32547	6 8		30.	1.	1.		1.0	12.0	0.8
14 12 75 0955			.3		32595	4 6 8		10.	1.	1.		0.0	11.0	1.0
MAXIMUM								108.	28.	8.		20.0	12.0	3.5
AVG OR GEOM MN (*)								16.*	2.*	2.*		5.8	10.9	1.0
MINIMUM								1.	1.	1.		0.0	10.0	0.4
NO OF SAMPLES								11	11	11		12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
11 01 75 1025			.3		0.012	0.003	0.03	0.20	0.002	0.060	3.50	210	2.	
07 02 75 0950			.3		0.005	0.001	0.03	0.17	0.003	0.170	2.30	66		7.1
16 03 75 1015			.3		0.025	0.004	0.04	0.60	0.003	0.110	6.00	70		6.8
13 04 75 0945			.3		0.006	0.002	0.08	0.22	0.004	0.030	2.00	114	7.	7.2
11 05 75 1010			.3		0.007	0.002	0.07	0.17	0.004	0.030	0.90	54	1.	6.8
02 06 75 0940			.3		0.007	0.006	0.01	0.17	0.003	0.030	2.70	82	2.	
06 07 75 1015			.3		0.012	0.004	0.01 L	0.26	0.003	0.090	1.90	86	1.	
12 08 75 1020			.3		0.005	0.001L	0.02	0.21	0.004	0.190	1.20	160	3.	7.3
16 09 75 0925			.3		0.006	0.003	0.02	0.20	0.009	0.230	2.20	340	8.	7.7
17 10 75 0905			.3		0.005	0.002	0.01	0.23	0.003	0.350	1.70	270	8.	7.9
16 11 75 1020			.3		0.006	0.001	0.10	0.20	0.005	0.210	1.70	130	2.	7.5
14 12 75 0955			.3		0.019	0.001	0.03	0.32	0.002	0.040	1.30	86	2.	7.3
MAXIMUM					0.025	0.006	0.10	0.60	0.009	0.350	6.00	340	8.	7.9
AVG OR GEOM MN (*)					0.010	0.003D	0.04 D	0.25	0.004	0.128	2.28	139	3.	7.3
MINIMUM					0.005	0.001	0.01	0.17	0.002	0.030	0.90	54	1.	6.8
NO OF SAMPLES					12	12	12	12	12	12	12	12	10	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	69 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
11 01 75 1025			.3		32022									
07 02 75 0950			.3		32071	3.	10	23			5			
16 03 75 1015			.3		32138	7.	13	22		3.40	15			
13 04 75 0945			.3		32184	3.	22	38		0.55	15			
11 05 75 1010			.3		32233	5.	6	19		0.25	15			
02 06 75 0940			.3		32283									
06 07 75 1015			.3		32347									
12 08 75 1020			.3		32393	4.	24		58.	0.25	10			
16 09 75 0925			.3		32453	3.	73		124.	0.35	20			
17 10 75 0905			.3		32499	2.	53		94.	0.34	15			
16 11 75 1020			.3		32547	2.	23		48.	0.33	10			
14 12 75 0955			.3		32595	2.	14		30.	0.33	10			
MAXIMUM						7.	73	38	124.	3.40	20			
AVG OR GEOM MN (*)						3.	28	26	70.	0.73	13			
MINIMUM						2.	6	19	30.	0.25	5			
NO OF SAMPLES						9	9	4	5	8	9			

CONT'D

B.O.W./ SITE: ROBERTS RIVER
SAMPLE POINT: AT MILNET - SHELLWOOD ROAD, MOOSE MINE
STATION TYPE: RIVER

STATION ID: 14-0028-011-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02 002 7950

STN NO 11 LAT LONG U.T.M. 17 0498600.0 5187350.0 4 REGION 05 MILEAGE 146.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
11 01 75 1025			.3		15.									
07 02 75 0950			.3		7.									
16 03 75 1015			.3		15.									
13 04 75 0945			.3		19.	106.	3.		103					
11 05 75 1010			.3		14.	37.	2.		35					
02 06 75 0940			.3		16.									
06 07 75 1015			.3		21.	58.	2.		56					
12 08 75 1020			.3		32.	136.	3.	133						
16 09 75 0925			.3		75.	224.	3.		221					
17 10 75 0905			.3		60.	178.	2.		176					
16 11 75 1020			.3		30.	87.	2.		85					
14 12 75 0955			.3		25.	57.	2.		55					
MAXIMUM					75.	224.	3.	133	221					
AVG OR GEOM MN (*)					27.	110.	2.	133	104					
MINIMUM					7.	37.	2.	133	35					
NO OF SAMPLES					12	8	8	1	7					

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	203 TOTAL ALUMINUM MG/L	265 TOTAL ARSENIC MG/L	64 CALCIUM MG/L	72 TOTAL CALCIUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	272 SIMPLE CYANIDE MG/L	215 TOTAL CADMIUM MG/L	229 TOTAL LEAD MG/L
11 01 75 1025			.3		32022					0.05	0.05 L			0.03 L
07 02 75 0950			.3		32071									
16 03 75 1015			.3		32138					0.06 L	0.05			0.03 L
13 04 75 0945			.3		32184					0.05 L	0.05 L			0.03 L
11 05 75 1010			.3		32233					0.04 L	0.01 L			
02 06 75 0940			.3		32283					0.04 L	0.01 L			0.01 L
06 07 75 1015			.3		32347					0.020L	0.01 L			
12 08 75 1020			.3		32393					0.03 L	0.01 L			0.01 L
16 09 75 0925			.3		32453					0.030L	0.01 L			0.01 L
17 10 75 0905			.3		32499					0.030L				0.01 L
16 11 75 1020			.3		32547					0.020L	0.01 L			0.01 L
14 12 75 0955			.3		32595					0.02 L	0.01 L			0.01 L
MAXIMUM										0.06	0.05			0.03
AVG OR GEOM MN (*)										0.035D	0.02 D			0.02 D
MINIMUM										0.020	0.01			0.01
NO OF SAMPLES										11	10			9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	65 MAG NESIUM MG/L	74 TOT. MAG NESIUM MG/L	200 MANGNESE MN MG/L	235 TOTAL MERCURY UG/L	238 TOTAL NICKEL MG/L	249 TOTAL ZINC MG/L	217 TOTAL COBALT MG/L	218 BARIUM MG/L	219 SELENIUM MG/L	361 SOLVENT EXTRBLES MG/L
11 01 75 1025			.3						0.07 L	0.030L				
07 02 75 0950			.3				0.03							
16 03 75 1015			.3						0.07 L	0.060				
13 04 75 0945			.3						0.07 L	0.050L				
11 05 75 1010			.3						0.02 L	0.010L				
02 06 75 0940			.3						0.02	0.020				
06 07 75 1015			.3						0.02 L	0.010				
12 08 75 1020			.3						0.02 L	0.010L				
16 09 75 0925			.3						0.02 L	0.010L				
17 10 75 0905			.3											
16 11 75 1020			.3						0.03	0.030				
14 12 75 0955			.3						0.01 L	0.010				
MAXIMUM							0.03		0.07	0.060				
AVG OR GEOM MN (*)							0.03		0.04 D	0.024D				
MINIMUM							0.03		0.01	0.010				
NO OF SAMPLES							1		10	10				

SAMPLE INFORMATION SYSTEM　　　STATION SUMMARY REPORT - RIVER BASINS　　　DATE OF REPORT 28 OCT 77

B.O.W./ SITE: ONAPING RIVER
SAMPLE POINT: 1 MILES UPSTREAM FROM HIGH FALLS
STATION TYPE: RIVER

STATION ID: 14-0028-012-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO 12　　LAT　　LONG　　U.T.M. 17 0470800.0 5161100.0 4　　REGION 05　　MILEAGE 106.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
10 01 75 1030			.3		32010	6 8						0.0	10.0	2.0
04 02 75 1120			.3		32059	6 8 4		4.	1.	1.		0.0	10.0	0.6
15 03 75 1100			.3		32126	4 6 8		1.	1.	1.		0.0	11.0	0.8
12 04 75 1000			.3		32172	6 8		12.	1.	1.		0.0	11.0	1.4
10 05 75 1100			.3		32221	6 8		16.	1.	1.		9.0	11.0	0.8
01 06 75 1115			.3		32271	6 8		96.	16.	12.		11.0	11.0	0.8
05 07 75 1100			.3		32335	6 8		4.	1.	1.		18.0	10.0	0.6
10 08 75 1025			.3		32381	6 8		190.	140.	8.		20.0	10.0	0.4
15 09 75 0920			.3		32441	6 8		170.	1.	1.		8.0	11.0	0.8
16 10 75 0930			.3		32487	6 8		10.	1.	24.		2.0	11.0	1.4
15 11 75 1000			.3		32535	6 8		90.	36.	1.		1.0	11.0	0.8
13 12 75 1030			.3		32583	6 8		10. L	1.	296.		0.0	12.0	1.0
MAXIMUM								190.	140.	296.		20.0	12.0	2.0
AVG OR GEOM MN (*)								18.* D	3.*	3.*		5.8	10.8	1.0
MINIMUM								1.	1.	1.		0.0	10.0	0.4
NO OF SAMPLES								11	11	11		12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
10 01 75 1030			.3		0.016	0.008	0.09	0.30	0.005	0.010	1.30	128	3.	6.8
04 02 75 1120			.3		0.005	0.002	0.01	0.14	0.002	0.080	0.95	78	6.	6.5
15 03 75 1100			.3		0.016	0.008	0.10	0.10	0.008	0.060	1.40	134	3.	6.8
12 04 75 1000			.3		0.012	0.006	0.08	0.21	0.004	0.010	1.60	162	4.	7.2
10 05 75 1100			.3		0.014	0.003	0.01 L	0.22	0.003	0.020	0.80	58	1.	6.2
01 06 75 1115			.3		0.009	0.001	0.04	0.25	0.038	0.050	1.70	190	6.	5.5
05 07 75 1100			.3		0.010	0.002	0.04	0.25	0.009	0.210	1.70	285	9.	7.0
10 08 75 1025			.3		0.011	0.005	0.04	0.18	0.011	0.290	1.40	445	18.	7.8
15 09 75 0920			.3		0.007	0.002	0.05	0.26	0.028	0.030	0.70	385	20.	3.8
16 10 75 0930			.3		0.009	0.002	0.04	0.19	0.007	0.200	2.80	560	20.	6.6
15 11 75 1000			.3		0.012	0.004	0.02	0.22	0.004	0.090	1.00	240	6.	6.9
13 12 75 1030			.3		0.010	0.002	0.04	0.26	0.003	0.050	1.80	140	3.	6.8
MAXIMUM					0.016	0.008	0.10	0.30	0.038	0.290	2.80	560	20.	7.8
AVG OR GEOM MN (*)					0.011	0.004	0.05 D	0.22	0.010	0.092	1.43	234	8.	6.5
MINIMUM					0.005	0.001	0.01	0.10	0.002	0.010	0.70	58	1.	3.8
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
10 01 75 1030			.3		32010									
04 02 75 1120			.3		32059							1. L		
15 03 75 1100			.3		32126							1.		
12 04 75 1000			.3		32172							2.		
10 05 75 1100			.3		32221							1.		
01 06 75 1115			.3		32271									
05 07 75 1100			.3		32335							2.		
10 08 75 1025			.3		32381							5.		
15 09 75 0920			.3		32441							3.		
15 11 75 1000			.3		32535							1. L		
13 12 75 1030			.3		32583							1.		
MAXIMUM												5.		
AVG OR GEOM MN (*)												1. D		
MINIMUM												1.		
NO OF SAMPLES												9		

CONT'D

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 B.O.W./ SITE: ONAPING RIVER                                                                    STATION ID:  14-0028-012-02
 SAMPLE POINT: 1 MILES UPSTREAM FROM HIGH FALLS
 STATION TYPE: RIVER                                    MAJOR BASIN: GREAT LAKES                               STORET CODE: 02
                                                        MINOR BASIN: LAKE HURON                                             002
                                                        TERM STREAM: SPANISH RIVER                                          7950

STN NO    12      LAT               LONG                 U.T.M. 17 0470800.0 5161100.0 4    REGION 05                 MILEAGE  106.80

                                        59         5         6         7       107        67        66        45        47        41
SAMP DTE HOUR  STN  STN SAMP  PJ  SULPHATE     TOTAL     SUSP.     DISS.     DISS.   PTSSIUM    SODIUM     TOT C   ORGANIC       COD
DY MO YR LMT   DIST BRG DEPTH                 SOLIDS    SOLIDS    SOLIDS    SOLIDS         K        NA      AS C    C AS C
               FEET      MTRS         MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

10 01 75 1030              .3        27.
04 02 75 1120              .3        14.
15 03 75 1100              .3        23.
12 04 75 1000              .3        35.
10 05 75 1100              .3        13.
01 06 75 1115              .3        22.
05 07 75 1100              .3       105.
10 08 75 1025              .3       190.
15 09 75 0920              .3       170.
15 11 75 1000              .3        65.
13 12 75 1030              .3        18.


                      MAXIMUM       190.
           AVG OR GEOM MN (*)        62.
                      MINIMUM        13.

                NO OF SAMPLES          11



                                       934       203       265        64        72       221       225       272       215       229
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE     TOTAL     TOTAL               TOTAL     TOTAL     TOTAL    SIMPLE     TOTAL     TOTAL
DY MO YR LMT   DIST BRG DEPTH           NC  ALUMINUM   ARSENIC   CALCIUM   CALCIUM  CHROMIUM    COPPER   CYANIDE   CADMIUM      LEAD
               FEET      MTRS                   MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

10 01 75 1030              .3       32010                                                       0.03 L
04 02 75 1120              .3       32059               0.01 L                        0.04 L                                  0.03 L
15 03 75 1100              .3       32126                                                       0.03 L
12 04 75 1000              .3       32172                                                       0.02
10 05 75 1100              .3       32221                                                       0.01 L
01 06 75 1115              .3       32271                                                       0.16
05 07 75 1100              .3       32335                                                       0.02
10 08 75 1025              .3       32381                                                       0.03 L
15 09 75 0920              .3       32441                                                       0.03
15 11 75 1000              .3       32535                                                       0.01 L


                      MAXIMUM                           0.01                          0.04      0.16                          0.03
           AVG OR GEOM MN (*)                           0.01 D                        0.04 D    0.04 D                        0.03 D
                      MINIMUM                           0.01                          0.04      0.01                          0.03

                NO OF SAMPLES                               1                             1         9                             1



                                        65        74       200       235       238       249       217       218       219       361
SAMP DTE HOUR  STN  STN SAMP  PJ       MAG  TOT. MAG  MANGNESE     TOTAL     TOTAL     TOTAL     TOTAL    BARIUM  SELENIUM   SOLVENT
DY MO YR LMT   DIST BRG DEPTH       NESIUM    NESIUM        MN   MERCURY    NICKEL      ZINC    COBALT      MG/L      MG/L  EXTRBLES
               FEET      MTRS         MG/L      MG/L      MG/L      UG/L      MG/L      MG/L      MG/L                          MG/L

10 01 75 1030              .3                                               0.04 L    0.030L
04 02 75 1120              .3                           0.04 L
15 03 75 1100              .3                                               0.04 L    0.030L
12 04 75 1000              .3                                               0.02 L    0.010L
10 05 75 1100              .3                                               0.02 L    0.010L
01 06 75 1115              .3                                               0.20      0.020
05 07 75 1100              .3                                               0.10      0.010
10 08 75 1025              .3                                               0.06      0.030L
15 09 75 0920              .3                                               0.35      0.020
15 11 75 1000              .3                                               0.03      0.010L


                      MAXIMUM                           0.04                0.35      0.030
           AVG OR GEOM MN (*)                           0.04 D              0.10 D    0.019D
                      MINIMUM                           0.04                0.02      0.010

                NO OF SAMPLES                               1                   9         9
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SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: ONAPING RIVER
SAMPLE POINT: UPSTREAM FROM LEVACK SEPTIC TANK
STATION TYPE: RIVER

STATION ID: 14-0028-013-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO 13 LAT LONG U.T.M. 17 0469400.0 5165450.0 4 REGION 05 MILEAGE 110.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
10 01 75 0930			.3		32008	6 8						0.0	11.0	1.8
04 02 75 1020			.3		32057	6 8 4		64.	1.	1.		0.0	10.0	0.6
15 03 75 1000			.3		32124	4 6 8		4.	1.	1.		0.0	10.0	0.4
12 04 75 0910			.3		32170	6 8		8.	1.	1.		0.0	10.0	1.2
10 05 75 1000			.3		32219	6 8 9		48.	1.	1.		9.0	11.0	1.2
01 06 75 1015			.3		32269	6 8		32.	12.	8.		11.0	11.0	1.2
05 07 75 0950			.3		32333	6 8		600. G	4.	1.		19.0	10.0	0.6
10 08 75 0940			.3		32379	6 8		320.	176.	1.		20.0	10.0	0.4
15 09 75 0830			.3		32439	6 8		200.	10.	1.		9.0	10.0	0.4
16 10 75 0840			.3		32485	6 8		1.	1.	32.		2.0	10.0	6.0
15 11 75 0910			.3		32533	6 8		40.	1.	4.		1.0	11.0	0.4
13 12 75 0940			.3		32581	6 8		10.	1.	1.		0.0	11.0	0.8
MAXIMUM								600.	176.	32.		20.0	11.0	6.0
AVG OR GEOM MN (*)								33.* U	3.*	2.*		5.9	10.4	1.3
MINIMUM								1.	1.	1.		0.0	10.0	0.4
NO OF SAMPLES								11	11	11		12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
10 01 75 0930			.3		0.018	0.007	0.09	0.28	0.003	0.070	0.93	106	2.	6.8
04 02 75 1020			.3		0.005	0.003	0.06	0.23	0.003	0.130	0.90	105	2.	6.9
15 03 75 1000			.3		0.013	0.007	0.08	0.08	0.005	0.210	1.50	114	3.	6.6
12 04 75 0910			.3		0.018	0.008	0.08	0.25	0.003	0.120	1.00	100	3.	7.4
10 05 75 1000			.3		0.020	0.005	0.01 L	0.19	0.003	0.010	1.00	48	1.	6.3
01 06 75 1015			.3		0.010	0.001	0.01 L	0.20	0.008	0.140	1.50	205	7.	7.5
05 07 75 0950			.3		0.012	0.002	0.04	0.28	0.008	0.370	2.00	305	10.	7.3
10 08 75 0940			.3		0.010	0.003	0.04	0.21	0.009	0.510	1.20	460	18.	7.7
15 09 75 0830			.3		0.006	0.005	0.02	0.16	0.006	0.570	3.40	500	21.	7.8
16 10 75 0840			.3		0.010	0.004	0.13	0.22	0.008	0.470	2.90	465	17.	7.2
15 11 75 0910			.3		0.013	0.003	0.02	0.23	0.004	0.310	1.00	275	6.	7.4
13 12 75 0940			.3		0.013	0.003	0.04	0.24	0.003	0.090	1.50	120	1.	7.0
MAXIMUM					0.020	0.008	0.13	0.28	0.009	0.570	3.40	500	21.	7.8
AVG OR GEOM MN (*)					0.012	0.004	0.05 D	0.21	0.005	0.250	1.57	234	7.	7.2
MINIMUM					0.005	0.001	0.01	0.08	0.003	0.010	0.90	48	1.	6.3
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	12

SAMP. DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
10 01 75 0930			.3		28.									
04 02 75 1020			.3		23.									
15 03 75 1000			.3		24.									
12 04 75 0910			.3		25.									
10 05 75 1000			.3		13.									
01 06 75 1015			.3		108.									
05 07 75 0950			.3		110.									
10 08 75 0940			.3		175.									
15 09 75 0830			.3		270.									
15 11 75 0910			.3		80.									
13 12 75 0940			.3		20.									
MAXIMUM					270.									
AVG OR GEOM MN (*)					79.									
MINIMUM					13.									
NO OF SAMPLES					11									

CONT'D

B.O.W./ SITE: ONAPING RIVER
SAMPLE POINT: UPSTREAM FROM LEVACK SEPTIC TANK
STATION TYPE: RIVER

STATION ID: 14-0028-013-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO 13 LAT LONG U.T.M. 17 0469400.0 5165450.0 4 REGION 05 MILEAGE 110.20

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	203 TOTAL ALUMINUM MG/L	265 TOTAL ARSENIC MG/L	64 CALCIUM MG/L	72 TOTAL CALCIUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	272 SIMPLE CYANIDE MG/L	215 TOTAL CADMIUM MG/L	229 TOTAL LEAD MG/L
10 01 75	0930			.3		32008						0.03 L			
04 02 75	1020			.3		32057		0.01 L			0.04 L				0.03 L
15 03 75	1000			.3		32124						0.03 L			
12 04 75	0910			.3		32170						0.01 L			
10 05 75	1000			.3		32219						0.01 L			
01 06 75	1015			.3		32269						0.06			
05 07 75	0950			.3		32333						0.01 L			
10 08 75	0940			.3		32379						0.03 L			
15 09 75	0830			.3		32439						0.02			
15 11 75	0910			.3		32533						0.01 L			
MAXIMUM								0.01			0.04	0.06			0.03
AVG OR GEOM MN (*)								0.01 D			0.04 D	0.02 D			0.03 D
MINIMUM								0.01			0.04	0.01			0.03
NO OF SAMPLES								1			1	9			1

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	65 MAG NESIUM MG/L	74 TOT. MAG NESIUM MG/L	200 MANGNESE MN MG/L	235 TOTAL MERCURY UG/L	238 TOTAL NICKEL MG/L	249 TOTAL ZINC MG/L	217 TOTAL COBALT MG/L	218 BARIUM MG/L	219 SELENIUM MG/L	361 SOLVENT EXTRBLES MG/L
10 01 75	0930			.3						0.04 L	0.030L				
04 02 75	1020			.3				0.04 L							
15 03 75	1000			.3						0.04 L	0.030L				
12 04 75	0910			.3						0.02 L	0.010L				
10 05 75	1000			.3						0.02 L	0.010L				
01 06 75	1015			.3						0.07	0.010L				
05 07 75	0950			.3						0.09	0.010L				
10 08 75	0940			.3						0.08	0.030L				
15 09 75	0830			.3						0.24	0.010L				
15 11 75	0910			.3						0.02	0.010L				
MAXIMUM								0.04		0.24	0.030				
AVG OR GEOM MN (*)								0.04 D		0.07 D	0.017D				
MINIMUM								0.04		0.02	0.010				
NO OF SAMPLES								1		9	9				

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SAMPLE INFORMATION SYSTEM        STATION SUMMARY REPORT - RIVER BASINS                              DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: MOOSE CREEK
 SAMPLE POINT: UPSTREAM FROM LEVACK                                                                  STATION ID:  14-0028-014-02
 STATION TYPE: RIVER
                                                        MAJOR BASIN: GREAT LAKES                              STORET CODE: 02
                                                        MINOR BASIN: LAKE HURON                                            002
                                                        TERM STREAM: SPANISH RIVER                                         7950

STN NO     14       LAT                 LONG            U.T.M. 17 0471350.0 5166200.0 4        REGION 05          MILEAGE  111.40

                                           934       901       444        80         81         84         88       805        3          1
SAMP DTE HOUR  STN  STN SAMP  PJ         SAMPLE        SCD  FLOW CFS    TOTAL      FECAL       M.F.     PSEUD.     WATER     DISS.     5-DAY
DY MO YR LMT   DIST BRG DEPTH               NO                      COLIFORM   COLIFORM     ENTER.       MPA     TEMP.        O2       BOD
               FEET      MTRS                                       MF/100ML   MF/100ML   MF/100ML   MF/100ML    DEG C      MG/L      MG/L

10 01 75 0900               .3            32007    6 8                                                          0.0       11.0       1.6
04 02 75 0940               .3            32056    6 8                    4.         1.         1.              0.0       12.0       1.0
15 03 75 0920               .3            32123    4 6 8                  1.         1.         1.              0.0       11.0       0.6
12 04 75 0840               .3            32169    6 8                    1.         1.         1.              0.0       11.0       4.0
10 05 75 0920               .3            32218    6 8 9                  1.         1.         1.              8.0       10.0       1.2
01 06 75 0935               .3            32268    6 8                   44.         1.         1.             11.0       11.0       0.8
05 07 75 0925               .3            32332    6 8                    1.         1.         1.             18.0       10.0       0.8
10 08 75 0920               .3            32378    6 8                    1.         1.         1.             20.0       11.0       0.2
15 11 75 0850               .3            32532    6 8                    1.         1.         1.              1.0       11.0       0.6
13 12 75 0925               .3            32580    6 8                    1.         1.         1.              0.0       11.0       0.6


                       MAXIMUM                                           44.         1.         1.             20.0       12.0       4.0
          AVG OR GEOM MN (*)                                              2.*        1.*        1.*             5.8       10.9       1.1
                       MINIMUM                                            1.         1.         1.              0.0       10.0       0.2

                NO OF SAMPLES                                              9          9          9               10         10        10



                                          33       34        19         20         21         22         16        14         56          55
SAMP DTE HOUR  STN  STN SAMP  PJ       TOTAL   FILTERED   FILTERED     TOTAL    NITRITE    NITRATE      TURB.     COND.   CHLORIDE          PH
DY MO YR LMT   DIST BRG DEPTH              P   REACTIVE   AMMONIA   KJELDAHL     NO2-N      NO3-N   FORMAZIN       25C      MG/L      AT LAB
               FEET      MTRS           MG/L     P MG/L      MG/L       MG/L      MG/L       MG/L      UNITS     UMHOS

10 01 75 0900               .3          0.008    0.001       0.90       1.20      0.001      0.150       6.50       920       32.        6.4
04 02 75 0940               .3          0.007    0.001       1.00       1.20      0.002      0.150       3.00      1000       36.        6.6
15 03 75 0920               .3          0.007    0.001       0.50       0.50      0.005      0.140       6.80      1000       37.        6.3
12 04 75 0840               .3          0.002    0.001L      1.10       1.20      0.002      0.010      12.00      1400       36.        6.4
10 05 75 0920               .3          0.006    0.002       0.60       0.82      0.010      0.070       4.40       680       20.        4.3
01 06 75 0935               .3          0.011    0.001L      0.55       0.82      0.003      0.220       2.40       720       24.        7.3
05 07 75 0925               .3          0.009    0.001       0.43       0.71      0.004      0.250       1.80       930       30.        7.1
10 08 75 0920               .3          0.002    0.001L      0.36       0.50      0.003      0.220       1.20      1065       38.        7.0
15 11 75 0850               .3          0.005    0.001       0.42       0.59      0.004      0.220       1.40      1100       38.        7.5
13 12 75 0925               .3          0.002    0.001L      0.40       0.56      0.002      0.180       1.00      1100       40.        6.9


                       MAXIMUM          0.011    0.002       1.10       1.20      0.010      0.250      12.00      1400       40.        7.5
          AVG OR GEOM MN (*)            0.006    0.001D      0.63       0.81      0.004      0.161       4.05       992       33.        6.6
                       MINIMUM          0.002    0.001       0.36       0.50      0.001      0.010       1.00       680       20.        4.3

                NO OF SAMPLES              10       10         10         10         10         10         10        10         10         10



                                          59         5         6          7        107         67         66        45         47         41
SAMP DTE HOUR  STN  STN SAMP  PJ    SULPHATE     TOTAL     SUSP.      DISS.      DISS.    PTSSIUM     SODIUM    TOT C    ORGANIC        COD
DY MO YR LMT   DIST BRG DEPTH                   SOLIDS    SOLIDS     SOLIDS     SOLIDS          K         NA     AS C     C AS C
               FEET      MTRS           MG/L      MG/L      MG/L       MG/L       MG/L       MG/L       MG/L     MG/L       MG/L       MG/L

10 01 75 0900               .3          350.
04 02 75 0940               .3          500.
15 03 75 0920               .3            5.
12 04 75 0840               .3          485.
10 05 75 0920               .3          325.
01 06 75 0935               .3          350.
05 07 75 0925               .3          435.
10 08 75 0920               .3          575.
15 11 75 0850               .3          575.
13 12 75 0925               .3          650.


                       MAXIMUM          650.
          AVG OR GEOM MN (*)            425.
                       MINIMUM            5.

                NO OF SAMPLES             10
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B.O.W./ SITE: MOOSE CREEK                                                                                  STATION ID:  14-0028-014-02
SAMPLE POINT: UPSTREAM FROM LEVACK
STATION TYPE: RIVER
                                                           MAJOR BASIN: GREAT LAKES                                 STORET CODE: 02
                                                           MINOR BASIN: LAKE HURON                                               002
                                                           TERM STREAM: SPANISH RIVER                                            7950

STN NO     14        LAT                LONG               U.T.M. 17 0471350.0 5166200.0 4     REGION 05            MILEAGE  111.40

                                             934       203       265        64        72       221       225       272       215       229
SAMP DTE HOUR  STN  STN SAMP  PJ          SAMPLE     TOTAL     TOTAL                TOTAL     TOTAL     TOTAL    SIMPLE     TOTAL     TOTAL
DY MO YR LMT   DIST BRG DEPTH                 NO  ALUMINUM   ARSENIC   CALCIUM   CALCIUM  CHROMIUM    COPPER   CYANIDE   CADMIUM      LEAD
               FEET      MTRS                         MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

10 01 75 0900              .3          32007                                                      0.03 L
04 02 75 0940              .3          32056                0.01 L                      0.04 L                                       0.04
15 03 75 0920              .3          32123                                                      0.03 L
12 04 75 0840              .3          32169                                                      0.06
10 05 75 0920              .3          32218                                                      0.01 L
01 06 75 0935              .3          32268                                                      0.01 L
05 07 75 0925              .3          32332                                                      0.01
10 08 75 0920              .3          32378                                                      0.03 L
15 11 75 0850              .3          32532                                                      0.03


                      MAXIMUM                                   0.01                        0.04      0.06                           0.04
            AVG OR GEOM MN (*)                                  0.01 D                      0.04 D    0.03 D                         0.04
                      MINIMUM                                   0.01                        0.04      0.01                           0.04

                NO OF SAMPLES                                      1                           1         8                              1


                                              65        74       200       235       238       249       217       218       219       361
SAMP DTE HOUR  STN  STN SAMP  PJ             MAG  TOT. MAG  MANGNESE     TOTAL     TOTAL     TOTAL     TOTAL    BARIUM  SELENIUM   SOLVENT
DY MO YR LMT   DIST BRG DEPTH             NESIUM    NESIUM        MN   MERCURY    NICKEL      ZINC    COBALT      MG/L      MG/L  EXTRBLES
               FEET      MTRS               MG/L      MG/L      MG/L      UG/L      MG/L      MG/L      MG/L                          MG/L

10 01 75 0900              .3                                                     0.18      0.030L
04 02 75 0940              .3                                 0.65
15 03 75 0920              .3                                                     0.18      0.030L
12 04 75 0840              .3                                                     0.20      0.020
10 05 75 0920              .3                                                     0.20      0.010
01 06 75 0935              .3                                                     0.19      0.010L
05 07 75 0925              .3                                                     0.14      0.010L
10 08 75 0920              .3                                                     0.13      0.030L
15 11 75 0850              .3                                                     0.17      0.040


                      MAXIMUM                                 0.65                0.20      0.040
            AVG OR GEOM MN (*)                                0.65                0.17      0.023D
                      MINIMUM                                 0.65                0.13      0.010

                NO OF SAMPLES                                    1                   8         8
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SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: MOOSE CREEK
SAMPLE POINT: DOWNSTREAM FROM TREATMENT BY FALCONBRIDGE
STATION TYPE: RIVER

STATION ID: 14-0028-015-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO 15 LAT LONG U.T.M. 17 0473250.0 5165550.0 4 REGION 05 MILEAGE 113.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
10 01 75 0830			.3		32006	6 8						0.0	11.0	1.6
04 02 75 0910			.3		32055	6 8		4.	1.	1.		0.0	12.0	1.0
15 03 75 0900			.3		32122	4 6 8		1.	1.	1.		0.0	11.0	0.8
12 04 75 0810			.3		32168	6 8		1.	1.	1.		0.0	11.0	0.8
10 05 75 0900			.3		32217	6 8 9		1.	1.	1.		8.0	10.0	1.2
01 06 75 0915			.3		32267	6 8		1.	1.	1.		11.0	11.0	0.8
05 07 75 0900			.3		32331	6 8		1.	1.	1.		18.0	10.0	0.6
10 08 75 0850			.3		32377	6 8		20.	1.	1.		20.0	11.0	0.6
15 11 75 0830			.3		32531	6 8		10. L	1.	1.		1.0	11.0	0.4
13 12 75 0900			.3		32579	6 8		10. L	1.	1.		0.0	11.0	0.6
MAXIMUM								20.	1.	1.		20.0	12.0	1.6
AVG OR GEOM MN (*)								3.* D	1.*	1.*		5.8	10.9	0.8
MINIMUM								1.	1.	1.		0.0	10.0	0.4
NO OF SAMPLES								9	9	9		10	10	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
10 01 75 0830			.3		0.012	0.001	0.90	1.20	0.002	0.150	5.00	920	32.	6.4
04 02 75 0910			.3		0.015	0.001	1.00	1.30	0.003	0.170	2.40	1050	35.	6.8
15 03 75 0900			.3		0.005	0.001	1.20	1.20	0.005	0.160	3.40	1010	34.	6.3
12 04 75 0810			.3		0.002	0.001L	1.10	1.20	0.002	0.010	0.90	1080	36.	6.4
10 05 75 0900			.3		0.033	0.003	0.60	0.82	0.010	0.290	8.00	680	20.	4.2
01 06 75 0915			.3		0.006	0.001L	0.80	0.91	0.005	0.100	2.10	610	24.	7.6
05 07 75 0900			.3		0.008	0.001L	0.41	0.70	0.003	0.250	2.00	920	30.	7.2
10 08 75 0850			.3		0.003	0.001	0.42	0.52	0.003	0.220	1.10	1080	38.	6.8
15 11 75 0830			.3		0.008	0.002	0.42	0.60	0.004	0.240	1.40	1080	38.	7.6
13 12 75 0900			.3		0.004	0.001L	0.40	0.57	0.002	0.200	1.40	1060	40.	6.7
MAXIMUM					0.033	0.003	1.20	1.30	0.010	0.290	8.00	1080	40.	7.6
AVG OR GEOM MN (*)					0.010	0.001D	0.73	0.90	0.004	0.179	2.77	949	32.	6.6
MINIMUM					0.002	0.001	0.40	0.52	0.002	0.010	0.90	610	20.	4.2
NO OF SAMPLES					10	10	10	10	10	10	10	10	10	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
10 01 75 0830			.3		330.									
04 02 75 0910			.3		420.									
15 03 75 0900			.3		425.									
12 04 75 0810			.3		490.									
10 05 75 0900			.3		325.									
01 06 75 0915			.3		325.									
05 07 75 0900			.3		430.									
10 08 75 0850			.3		575.									
15 11 75 0830			.3		625.									
13 12 75 0900			.3		650.									
MAXIMUM					650.									
AVG OR GEOM MN (*)					459.									
MINIMUM					325.									
NO OF SAMPLES					10									

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B.C.W./ SITE: MOOSE CREEK                                                                       STATION ID:  14-0028-015-02
SAMPLE POINT: DOWNSTREAM FROM TREATMENT BY FALCONBRIDGE
STATION TYPE: RIVER                                     MAJOR BASIN: GREAT LAKES                               STORET CODE:  02
                                                        MINOR BASIN: LAKE HURON                                              002
                                                        TERM STREAM: SPANISH RIVER                                           7950

STN NO    15      LAT               LONG                U.T.M. 17 0473250.0 5165550.0 4      REGION 05             MILEAGE   113.00

                                       65        74       200       235       238       249       217       218       219       361
SAMP DTE HOUR  STN  STN SAMP  PJ       MAG  TOT. MAG  MANGNESE     TOTAL     TOTAL     TOTAL     TOTAL    BARIUM  SELENIUM   SOLVENT
DY MO YR LMT   DIST BRG DEPTH       NESIUM    NESIUM        MN   MERCURY    NICKEL      ZINC    COBALT      MG/L      MG/L  EXTRBLES
               FEET      MTRS         MG/L      MG/L      MG/L      UG/L      MG/L      MG/L      MG/L                          MG/L

10 01 75 0830              .3                                               0.17      0.030L
04 02 75 0910              .3                           0.66
15 03 75 0900              .3                                               0.18      0.030L
12 04 75 0810              .3                                               0.21      0.020
10 05 75 0900              .3                                               0.19      0.010L
01 06 75 0915              .3                                               0.20      0.010L
05 07 75 0900              .3                                               0.13      0.010L
10 08 75 0850              .3                                               0.13      0.030L
15 11 75 0830              .3                                               0.17      0.050


                      MAXIMUM                           0.66                0.21      0.050
           AVG OR GEOM MN (*)                           0.66                0.17      0.024D
                      MINIMUM                           0.66                0.13      0.010

                NO OF SAMPLES                               1                   8         8




                                      934       203       265        64        72       221       225       272       215       229
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE     TOTAL     TOTAL               TOTAL     TOTAL     TOTAL    SIMPLE     TOTAL     TOTAL
DY MO YR LMT   DIST BRG DEPTH           NO  ALUMINUM   ARSENIC   CALCIUM   CALCIUM  CHROMIUM    COPPER   CYANIDE   CADMIUM      LEAD
               FEET      MTRS                   MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

10 01 75 0830              .3       32006                                                       0.03 L
04 02 75 0910              .3       32055               0.01 L                        0.04 L                                  0.03 L
15 03 75 0900              .3       32122                                                       0.03 L
12 04 75 0810              .3       32168                                                       0.03
10 05 75 0900              .3       32217                                                       0.01 L
01 06 75 0915              .3       32267                                                       0.03
05 07 75 0900              .3       32331                                                       0.01 L
10 08 75 0850              .3       32377                                                       0.03 L
15 11 75 0830              .3       32531                                                       0.03


                      MAXIMUM                           0.01                          0.04      0.03                          0.03
           AVG OR GEOM MN (*)                           0.01 D                        0.04 D    0.03 D                        0.03 D
                      MINIMUM                           0.01                          0.04      0.01                          0.03

                NO OF SAMPLES                               1                             1         8                              1
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SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

B.O.W./ SITE: JUNCTION CREEK
SAMPLE POINT: UPSTREAM FROM CITY OF SUDBURY
STATION TYPE: RIVER

STATION ID: 14-0028-016-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO 16   LAT   LONG   U.T.M. 17 0504950.0 5151850.0 4   REGION 05   MILEAGE 89.30

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
07 02 75 1300			.3		32077	8 9 4	7.0					0.0	7.0	1.0
16 03 75 1355			.3		32144	4 6 8	6.4	150.	70.	100.		0.0	8.0	1.6
13 04 75 1310			.3		32190	6 9 0	75.0	110.	30.	180.		0.0	7.0	2.2
11 05 75 1350			.3		32239	6 9 0	27.1	10. L	10. L	1.		9.0	8.0	3.2
02 06 75 1305			.3		32289	6 9 0	10.9	64.	4.	8.		12.0	7.0	1.4
06 07 75 1345			.3		32353	6 9 0	5.7	600.	8.	4.		19.0	8.0	2.8
12 08 75 1355			.3		32399	6 9 0	5.0					20.0	8.0	1.2
16 09 75 1255			.3		32459	6 9 0	5.5	20.	8.	1.		9.0	8.0	0.6
17 10 75 1240			.3		32505	6 9 0	24.0	244.	28.	76.		3.0	7.0	0.6
16 11 75 1315			.3		32553	6 8	40.8	232.	84.	20.		1.0	9.0	0.6
14 12 75 1255			.3		32601	4 6 8	77.7					0.0	9.0	5.0
MAXIMUM							77.7	600.	84.	180.		20.0	9.0	5.0
AVG OR GEOM MN (*)							25.9	96.* D	18.* D	13.*		6.6	7.8	1.8
MINIMUM							5.0	10.	4.	1.		0.0	7.0	0.6
NO OF SAMPLES							11	8	8	8		11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
07 02 75 1300			.3		0.038	0.017	0.70	1.10	0.029	0.300	2.50	460	29.	7.0
16 03 75 1355			.3		0.180	0.093	1.90	2.20	0.210	2.300	10.00	860	160.	7.3
13 04 75 1310			.3		0.210	0.040	0.60	1.30	0.083	0.800	52.00	455	70.	7.3
11 05 75 1350			.3		0.210	0.180	0.09	1.20	2.200	7.700	1.30	1070	65.	8.9
02 06 75 1305			.3		0.100	0.053	0.03	0.82	0.014	0.910	2.30	585	23.	7.2
06 07 75 1345			.3		0.130	0.035	0.02	0.92	0.006	0.170	15.00	570	48.	8.0
12 08 75 1355			.3		0.260	0.100	0.07	0.64	0.037	0.760	16.00	720	58.	8.0
16 09 75 1255			.3		0.054	0.005	1.30	1.80	0.007	2.100	9.00	950	75.	7.4
17 10 75 1240			.3		0.052	0.024	0.02	0.43	0.020	1.900	7.10	840	85.	7.6
16 11 75 1315			.3		0.130	0.075	0.05	0.50	0.007	0.890	3.00	400	22.	7.2
14 12 75 1255			.3		0.350	0.170	0.55	1.60	0.091	1.600	35.00	1600	415.	7.0
MAXIMUM					0.350	0.180	1.90	2.20	2.200	7.700	52.00	1600	415.	8.9
AVG OR GEOM MN (*)					0.156	0.072	0.49	1.14	0.246	1.766	13.93	774	95.	7.5
MINIMUM					0.038	0.005	0.02	0.43	0.006	0.170	1.30	400	22.	7.0
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
07 02 75 1300			.3		110.									
16 03 75 1355			.3		100.									
13 04 75 1310			.3		58.									
11 05 75 1350			.3		425.									
02 06 75 1305			.3		150.									
06 07 75 1345			.3		140.									
12 08 75 1355			.3		160.									
16 09 75 1255			.3		350.									
16 11 75 1315			.3		150.									
14 12 75 1255			.3		100.									
MAXIMUM					425.									
AVG OR GEOM MN (*)					174.									
MINIMUM					58.									
NO OF SAMPLES					10									

CONT'D

B.O.W./ SITE: JUNCTION CREEK
SAMPLE POINT: UPSTREAM FROM CITY OF SUDBURY
STATION TYPE: RIVER

STATION ID: 14-0028-016-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO 16 LAT LONG U.T.M. 17 0504950.0 5151850.0 4 REGION 05 MILEAGE 89.30

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	203 TOTAL ALUMINUM MG/L	265 TOTAL ARSENIC MG/L	64 CALCIUM MG/L	72 TOTAL CALCIUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	272 SIMPLE CYANIDE MG/L	215 TOTAL CADMIUM MG/L	229 TOTAL LEAD MG/L
07 02 75 1300			.3		32077					0.04 L				0.03 L
16 03 75 1355			.3		32144						0.04			
13 04 75 1310			.3		32190						0.09			
11 05 75 1350			.3		32239						0.01			
02 06 75 1305			.3		32289						0.02			
06 07 75 1345			.3		32353						0.03			
12 08 75 1355			.3		32399						0.03 L			
16 09 75 1255			.3		32459						0.23			
16 11 75 1315			.3		32553						0.02			
14 12 75 1255			.3		32601						0.07			
MAXIMUM										0.04	0.23			0.03
AVG OR GEOM MN (*)										0.04 D	0.06 D			0.03 D
MINIMUM										0.04	0.01			0.03
NO OF SAMPLES										1	9			1

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	65 MAG NESIUM MG/L	74 TOT. MAG NESIUM MG/L	200 MANGNESE MN MG/L	235 TOTAL MERCURY UG/L	238 TOTAL NICKEL MG/L	249 TOTAL ZINC MG/L	217 TOTAL COBALT MG/L	218 BARIUM MG/L	219 SELENIUM MG/L	361 SOLVENT EXTRBLES MG/L
07 02 75 1300			.3				0.02 L							
16 03 75 1355			.3						0.22	0.080				
13 04 75 1310			.3						0.32	0.150				
11 05 75 1350			.3						0.15	0.010L				
02 06 75 1305			.3						0.17	0.010L				
06 07 75 1345			.3						0.19	0.030				
12 08 75 1355			.3						0.12	0.030L				
16 09 75 1255			.3						0.03 L	0.280				
16 11 75 1315			.3						0.51	0.070				
14 12 75 1255			.3						0.34	0.200				
MAXIMUM							0.02		0.51	0.280				
AVG OR GEOM MN (*)							0.02 D		0.23 D	0.096D				
MINIMUM							0.02		0.03	0.010				
NO OF SAMPLES							1		9	9				

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SAMPLE INFORMATION SYSTEM       STATION SUMMARY REPORT - RIVER BASINS                        DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: JUNCTION CREEK                                                                   STATION ID:  14-0028-017-02
 SAMPLE POINT: DOWNSTREAM FROM GARSON SEWAGE TREATMENT PLANT
 STATION TYPE: RIVER                                    MAJOR BASIN: GREAT LAKES                               STORET CODE: 02
                                                        MINOR BASIN: LAKE HURON                                             002
                                                        TERM STREAM: SPANISH RIVER                                          7950

STN NO    17      LAT               LONG                 U.T.M. 17 0507500.0 5154450.0 4     REGION 05             MILEAGE   90.80


                                     934       901       444        80        81        84        88       805         3         1
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE     SCO  FLOW CFS     TOTAL     FECAL     M.F.     PSEUD.     WATER     DISS.     5-DAY
DY MO YR LMT   DIST BRG DEPTH           NO                    COLIFORM  COLIFORM    ENTER.       MPA     TEMP.        02       BOD
               FEET      MTRS                                 MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L

13 04 75 1255              .3       32189    6 9 0              110.         1.     490.                  0.0       7.0        3.3
11 05 75 1310              .3       32238    6 9 0                4.         1.       4.                  9.0       8.0        3.2
02 06 75 1250              .3       32288    6 9 0                4.         1.       1.                 12.0       7.0        2.2
06 07 75 1300              .3       32352    6 9 0              616.         8.       8.                 19.0       8.0        1.4
12 08 75 1310              .3       32398    6 9 0                                                       21.0       8.0        1.2
16 09 75 1220              .3       32458    6 9 0              120.         1.      48.                  9.0       7.0        0.4
16 10 75 1315              .3       32143    4 6 8             1480.      1132.      64.                  0.0       9.0        2.6
17 10 75 1200              .3       32504    6 9 0               60.         4.      16.                  3.0       7.0        0.8
16 11 75 1250              .3       32552    6 9 0             2800.       364.      60.                  1.0       8.0        2.0
14 12 75 1225              .3       32600    6 9 0              10800E+1  1100.     300.                  0.0       9.0        3.6


                      MAXIMUM                                   10800E+1  1132.     490.                 21.0       9.0        3.6
           AVG OR GEOM MN (*)                                   248.*      13.*     29.*                  7.4       7.8        2.1
                      MINIMUM                                     4.         1.       1.                  0.0       7.0        0.4

                NO OF SAMPLES                                         9         9         9                  10        10        10



                                      33        34        19        20        21        22        16        14        56        55
SAMP DTE HOUR  STN  STN SAMP  PJ     TOTAL  FILTERED  FILTERED     TOTAL   NITRITE   NITRATE     TURB.     COND.  CHLORIDE        PH
DY MO YR LMT   DIST BRG DEPTH            P  REACTIVE   AMMONIA  KJELDAHL     NO2-N     NO3-N  FORMAZIN       25C      MG/L    AT LAB
               FEET      MTRS         MG/L    P MG/L      MG/L      MG/L      MG/L      MG/L     UNITS     UMHOS

13 04 75 1255              .3       0.310     0.180     3.20      3.30     2.300     7.500     24.00      1070       88.       9.2
11 05 75 1310              .3       0.240     0.190     0.66      0.87     2.200     8.100      1.40      1080       75.       8.8
02 06 75 1250              .3       0.250     0.180     0.85      1.10     1.400    11.000      1.50      1310       82.       8.1
06 07 75 1300              .3       0.140     0.034     0.02      0.60     0.430     8.000      1.20      1700      200.       7.4
12 08 75 1310              .3       0.159     0.100     0.10      0.35     0.020     6.000      0.90      1480      100.       7.5
16 09 75 1220              .3       0.096     0.069     0.02      0.44     0.059     8.400      1.50      1400       93.       7.2
16 10 75 1315              .3       0.640     0.420     5.70      7.30     2.200     7.900      5.10      1450      148.       8.4
17 10 75 1200              .3       0.054     0.043     0.02      0.31     0.100     4.000      0.90       935       74.       7.5
16 11 75 1250              .3       0.880     0.800     0.80      1.60     0.370     8.400      3.50      1200      100.       7.5
14 12 75 1225              .3       1.600     0.620     3.00      5.20     1.200     4.000     30.00      1450      215.       7.4


                      MAXIMUM       1.600     0.800     5.70      7.30     2.300    11.000     30.00      1700      215.       9.2
           AVG OR GEOM MN (*)       0.437     0.264     1.44      2.11     1.028     7.330      7.00      1308      117.       7.9
                      MINIMUM       0.054     0.034     0.02      0.31     0.020     4.000      0.90       935       74.       7.2

                NO OF SAMPLES          10        10        10        10        10        10        10        10        10        10



                                     934        95        52        50        76        61        68        25        60      280
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE   ACIDITY   TOT ALK  HARDNESS     CALCUL     TOTAL    COLOUR  PHENOLS              REACTIVE
DY MO YR LMT   DIST BRG DEPTH           NO      MG/L    AT LAB     CACO3  HARDNESS       IRON     HAZEN           FLUORIDE  SILICATE
               FEET      MTRS                             MG/L      MG/L      MG/L       MG/L     UNITS      UG/L      MG/L   SI MG/L

13 04 75 1255              .3       32189                                                                     3.
11 05 75 1310              .3       32238
02 06 75 1250              .3       32288                                                                     3.
06 07 75 1300              .3       32352                                                                     1.
12 08 75 1310              .3       32398                                                                     1.
16 09 75 1220              .3       32458                                                                     1. L
16 10 75 1315              .3       32143
17 10 75 1200              .3       32504                                                                     1.
16 11 75 1250              .3       32552                                                                     1. L
14 12 75 1225              .3       32600


                      MAXIMUM                                                                                 3.
           AVG OR GEOM MN (*)                                                                                 1. D
                      MINIMUM                                                                                 1.

                NO OF SAMPLES                                                                                  7
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CONT'D

B.O.W./ SITE: JUNCTION CREEK
SAMPLE POINT: DOWNSTREAM FROM GARSON SEWAGE TREATMENT PLANT
STATION TYPE: RIVER

STATION ID: 14-0028-017-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO 17 LAT LONG U.T.M. 17 0507500.0 5154450.0 4 REGION 05 MILEAGE 90.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
13 04 75 1255			.3		58.	790.	48.	742						
11 05 75 1310			.3		337.	960.	4.	956						
02 06 75 1250			.3		475.	1050.	1.	1049						
06 07 75 1300			.3		510.	1320.	2.	1318						
12 08 75 1310			.3		550.	1136.	2.	1134						
16 09 75 1220			.3		200.	1029.	7.	1022						
16 10 75 1315			.3		350.	1030.	24.	1006						
17 10 75 1200			.3		320.	675.	2.	673						
16 11 75 1250			.3		415.	896.	5.	891						
14 12 75 1225			.3		16.	993.	54.	939						
MAXIMUM					550.	1320.	54.	1318						
AVG OR GEOM MN (*)					323.	987.	14.	973						
MINIMUM					16.	675.	1.	673						
NO OF SAMPLES					10	10	10	10						

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	203 TOTAL ALUMINUM MG/L	265 TOTAL ARSENIC MG/L	64 CALCIUM MG/L	72 TOTAL CALCIUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	272 SIMPLE CYANIDE MG/L	215 TOTAL CADMIUM MG/L	229 TOTAL LEAD MG/L
13 04 75 1255			.3		32189						0.16			
11 05 75 1310			.3		32238						0.01 L			
02 06 75 1250			.3		32288						0.02			
06 07 75 1300			.3		32352						0.06			
12 08 75 1310			.3		32398						0.03 L			
16 09 75 1220			.3		32458						0.03 L			
16 10 75 1315			.3		32143						0.03 L			
16 11 75 1250			.3		32552						0.02			
14 12 75 1225			.3		32600						0.04			
MAXIMUM											0.16			
AVG OR GEOM MN (*)											0.04 D			
MINIMUM											0.01			
NO OF SAMPLES											9			

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	65 MAG NESIUM MG/L	74 TOT. MAG NESIUM MG/L	200 MANGNESE MN MG/L	235 TOTAL MERCURY UG/L	238 TOTAL NICKEL MG/L	249 TOTAL ZINC MG/L	217 TOTAL COBALT MG/L	218 BARIUM MG/L	219 SELENIUM MG/L	361 SOLVENT EXTRBLES MG/L
13 04 75 1255			.3						0.25	0.080				
11 05 75 1310			.3						0.15	0.010L				
02 06 75 1250			.3						0.15	0.010L				
06 07 75 1300			.3						0.23	0.010				
12 08 75 1310			.3						0.28	0.030L				
16 09 75 1220			.3						1.30	0.030				
16 10 75 1315			.3						0.23	0.030L				
16 11 75 1250			.3						0.47	0.010				
14 12 75 1225			.3						0.24	0.050				
MAXIMUM									1.30	0.080				
AVG OR GEOM MN (*)									0.37	0.029D				
MINIMUM									0.15	0.010				
NO OF SAMPLES									9	9				

SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

B.O.W./ SITE: MOOSE CREEK
SAMPLE POINT: DOWNSTREAM OF LEVACK
STATION TYPE: RIVER

STATION ID: 14-0028-018-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO 18   LAT   LONG   U.T.M. 17 0470050.0 5164500.0 4   REGION 05   MILEAGE 109.70

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
10 01 75	0950			.3		32009	6 8						0.0	8.0	7.0
04 02 75	1040			.3		32058	6 8 4		230.	112.	72.		0.0	7.0	8.0
15 03 75	1030			.3		32125	4 6 8		20.	1.	8.		0.0	7.0	14.0
12 04 75	0935			.3		32171	9 6 8		1.	1.	1.		0.0	6.0	57.0
10 05 75	1030			.3		32220	6 8 9		1.	1.	48.		9.0	7.0	2.8
01 06 75	1045			.3		32270	6 8 9		8.	8.	1.		13.0	7.0	10.0
05 07 75	1020			.3		32334	6 8 9		92.	12.	1.		20.0	8.0	10.0
10 08 75	1005			.3		32380	6 8 9		168.	140.	1.		22.0	7.0	27.0
15 09 75	0850			.3		32440	6 8 9		72.	1.	4.		10.0	7.0	30.0
16 10 75	0900			.3		32486	6 9 0		1.	1.	1.		3.0	7.0	100.0
15 11 75	0930			.3		32534	6 9 0		1.	1.	1.		2.0	8.0	60.0
13 12 75	1000			.3		32582	6 9 0		12.	1.	1.		0.0	8.0	2.8
MAXIMUM									230.	140.	72.		22.0	8.0	100.0
AVG OR GEOM MN (*)									12.*	4.*	3.*		6.6	7.3	27.4
MINIMUM									1.	1.	1.		0.0	6.0	2.8
NO OF SAMPLES									11	11	11		12	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
10 01 75	0950			.3		0.015	0.001	1.90	2.90	0.047	0.030	5.50	1500	165.	6.4
04 02 75	1040			.3		0.070	0.014	2.20	2.30	0.026	0.540	6.90	1370	72.	6.1
15 03 75	1030			.3		0.015	0.001	2.70	2.70	0.040	0.160	9.40	1550	218.	7.2
12 04 75	0935			.3		0.010	0.001	2.10	3.10	0.050	0.020	9.30	1400	192.	6.2
10 05 75	1030			.3		0.280	0.160	0.80	1.50	0.068	0.010	17.00	1040	98.	3.30
01 06 75	1045			.3		0.005	0.001L	1.70	1.90	0.079	0.060	4.40	405	220.	6.8
05 07 75	1020			.3		0.010	0.001	0.55	1.10	0.120	0.050	5.10	1160	65.	6.1
10 08 75	1005			.3		0.005	0.001	1.10	1.80	0.400	1.000	2.00	1800	180.	5.9
15 09 75	0850			.3		0.008	0.001	0.70	1.70	0.034	0.030	4.00	1800	285.	6.3
16 10 75	0900			.3		0.005	0.001	1.10	2.70	0.048	0.070	14.00	1600	220.	5.5
15 11 75	0930			.3		0.010	0.001	1.70	3.10	0.078	0.060	9.50	1800	380.	5.2
13 12 75	1000			.3		0.003	0.001L	0.60	0.79	0.032	0.090	7.50	1160	52.	6.3
MAXIMUM						0.280	0.160	2.70	3.10	0.400	1.000	17.00	1800	380.	7.2
AVG OR GEOM MN (*)						0.036	0.015D	1.43	2.13	0.085	0.177	7.88	1382	178.	5.94
MINIMUM						0.003	0.001	0.55	0.79	0.026	0.010	2.00	405	52.	3.30
NO OF SAMPLES						12	12	12	12	12	12	12	12	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
10 01 75	0950			.3		32009							2. L		
04 02 75	1040			.3		32058							3.		
15 03 75	1030			.3		32125							3.		
12 04 75	0935			.3		32171							2.		
10 05 75	1030			.3		32220									
01 06 75	1045			.3		32270							2.		
05 07 75	1020			.3		32334							2.		
10 08 75	1005			.3		32380							2.		
15 09 75	0850			.3		32440							2.		
15 11 75	0930			.3		32534							6.		
13 12 75	1000			.3		32582									
MAXIMUM													6.		
AVG OR GEOM MN (*)													2. D		
MINIMUM													2.		
NO OF SAMPLES													9		

CONT'D

B.O.W./ SITE: MOOSE CREEK
SAMPLE POINT: DOWNSTREAM OF LEVACK
STATION TYPE: RIVER

STATION ID: 14-0028-018-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO 18 LAT LONG U.T.M. 17 0470050.0 5164500.0 4 REGION 05 MILEAGE 109.70

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
10 01 75 0950			.3		530.									
04 02 75 1040			.3		420.									
15 03 75 1030			.3		600.									
12 04 75 0935			.3		250.									
10 05 75 1030			.3		500.									
01 06 75 1045			.3		450.									
05 07 75 1020			.3		410.									
10 08 75 1005			.3		825.									
15 09 75 0850			.3		900.									
15 11 75 0930			.3		625.									
13 12 75 1000			.3		925.									
MAXIMUM					925.									
AVG OR GEOM MN (*)					585.									
MINIMUM					250.									
NO OF SAMPLES					11									

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	203 TOTAL ALUMINUM MG/L	265 TOTAL ARSENIC MG/L	64 CALCIUM MG/L	72 TOTAL CALCIUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	272 SIMPLE CYANIDE MG/L	215 TOTAL CADMIUM MG/L	229 TOTAL LEAD MG/L
10 01 75 0950			.3		32009						0.05			
04 02 75 1040			.3		32058		0.01 L			0.04 L				0.05
15 03 75 1030			.3		32125						0.03			
12 04 75 0935			.3		32171						0.28			
10 05 75 1030			.3		32220						0.16			
01 06 75 1045			.3		32270						0.09			
05 07 75 1020			.3		32334						0.05			
10 08 75 1005			.3		32380						0.03 L			
15 09 75 0850			.3		32440						0.06			
15 11 75 0930			.3		32534						0.18			
MAXIMUM							0.01			0.04	0.28			0.05
AVG OR GEOM MN (*)							0.01 D			0.04 D	0.10 D			0.05
MINIMUM							0.01			0.04	0.03			0.05
NO OF SAMPLES							1			1	9			1

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	65 MAG NESIUM MG/L	74 TOT. MAG NESIUM MG/L	200 MANGNESE MN MG/L	235 TOTAL MERCURY UG/L	238 TOTAL NICKEL MG/L	249 TOTAL ZINC MG/L	217 TOTAL COBALT MG/L	218 BARIUM MG/L	219 SELENIUM MG/L	361 SOLVENT EXTRBLES MG/L
10 01 75 0950			.3						1.00	0.040				
04 02 75 1040			.3				0.84							
15 03 75 1030			.3						1.20	0.050				
12 04 75 0935			.3						2.40	0.120				
10 05 75 1030			.3						1.60	0.050				
01 06 75 1045			.3						1.60	0.040				
05 07 75 1020			.3						0.55	0.020				
10 08 75 1005			.3						0.47	0.030L				
15 09 75 0850			.3						1.90	0.070				
15 11 75 0930			.3						3.80	0.110				
MAXIMUM							0.84		3.80	0.120				
AVG OR GEOM MN (*)							0.84		1.61	0.059D				
MINIMUM							0.84		0.47	0.020				
NO OF SAMPLES							1		9	9				

SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

B.O.W./ SITE: SPANISH RIVER
SAMPLE POINT: AT HIGH FALLS
STATION TYPE: RIVER

STATION ID: 14-0028-020-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO 20   LAT   LONG   U.T.M. 17 0456100.0 5136200.0 4   REGION 05   MILEAGE 53.10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
05 01 75				.3		32003		873.	12.	1.	1.				0.2
03 02 75	1100			.3		32052	6 8	900.	4.	1.	1.		0.0	11.0	0.4
08 03 75	1150			.3		32101	6 8	693.					0.0	11.0	0.2
06 04 75	1145			.3		32165	6 8	1010.	100. L	1.	1.		0.0	11.0	0.2
26 04 75	1140			.3		32200	6 8	11400.	4.	1.	1.		19.0	11.0	0.8
31 05 75	1105			.3		32263	6 8	953.	92.	4.	1.		11.0	11.0	1.0
04 07 75	1230			.3		32327	6 8	1040.	20.	8.	8.		19.0	11.0	0.8
09 08 75	1120			.3		32373	6 8	273.	70.	32.	1.		20.0	11.0	0.2
05 09 75	1130			.3		32435	6 8	200.	50.	4.	1.		11.0	11.0	1.2
06 10 75	1110			.3		32481	6 8	160.	12.	4.	1.		4.0	11.0	1.0
07 11 75	1140			.3		32527	6 8	447.	140.	1.	1.		2.0	10.0	1.2
07 12 75	1135			.3		32575	6 8	2320.					0.0	11.0	0.4
MAXIMUM								11400.	140.	32.	8.		20.0	11.0	1.2
AVG OR GEOM MN (*)								1689.	27.* D	3.*	1.*		7.8	10.9	0.6
MINIMUM								160.	4.	1.	1.		0.0	10.0	0.2
NO OF SAMPLES								12	10	10	10		11	11	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
05 01 75				.3		0.010	0.002	0.02	0.22	0.003	0.050	0.72	40	1.	
03 02 75	1100			.3		0.004	0.003	0.02	0.20	0.002	0.090	0.70	56	1.	7.2
08 03 75	1150			.3		0.003	0.002	0.01	1.40	0.003	0.100	1.60	54	1.	
06 04 75	1145			.3		0.004	0.001	0.01 L	0.23	0.002	0.100	7.00	56	1.	8.1
26 04 75	1140			.3		0.007	0.001	0.01	0.22	0.002	0.040	0.55	53	1.	
31 05 75	1105			.3		0.007	0.001	0.01	0.23	0.002	0.040	1.60	45	7.	
04 07 75	1230			.3		0.006	0.002	0.03	0.25	0.003	0.030	0.75	47	1.	
09 08 75	1120			.3		0.005	0.001	0.02	0.25	0.004	0.040	0.85	52	1.	
05 09 75	1130			.3		0.005	0.001	0.01	0.24	0.002	0.030	0.90	50	1.	
06 10 75	1110			.3		0.007	0.001L	0.01	0.25	0.003	0.010L	0.95	55	1.	
07 11 75	1140			.3		0.007	0.002	0.01	0.26	0.003	0.090	0.90	55	1.	6.3
07 12 75	1135			.3		0.004	0.002	0.02	0.21	0.003	0.040	1.50	58	1.	
MAXIMUM						0.010	0.003	0.03	1.40	0.004	0.100	7.00	58	7.	8.1
AVG OR GEOM MN (*)						0.006	0.002D	0.02 D	0.33	0.003	0.055D	1.50	52	1.	7.2
MINIMUM						0.003	0.001	0.01	0.20	0.002	0.010	0.55	40	1.	6.3
NO OF SAMPLES						12	12	12	12	12	12	12	12	12	3

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
05 01 75				.3		10.									
03 02 75	1100			.3		14.									
08 03 75	1150			.3		8.									
06 04 75	1145			.3		10.									
26 04 75	1140			.3		9.									
31 05 75	1105			.3		10.									
04 07 75	1230			.3		11.									
09 08 75	1120			.3		10.									
05 09 75	1130			.3		8.									
06 10 75	1110			.3		9.									
07 11 75	1140			.3		8.									
07 12 75	1135			.3		10.									
MAXIMUM						14.									
AVG OR GEOM MN (*)						9.									
MINIMUM						8.									
NO OF SAMPLES						12									

CONT'D

B.O.W./ SITE: SPANISH RIVER
SAMPLE POINT: AT HIGH FALLS
STATION TYPE: RIVER

STATION ID: 14-0028-020-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO 20 LAT LONG U.T.M. 17 0456100.0 5136200.0 4 REGION 05 MILEAGE 53.10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	203 TOTAL ALUMINUM MG/L	265 TOTAL ARSENIC MG/L	64 CALCIUM MG/L	72 TOTAL CALCIUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	272 SIMPLE CYANIDE MG/L	215 TOTAL CADMIUM MG/L	229 TOTAL LEAD MG/L
05 01 75				.3		32003						0.03 L			
03 02 75	1100			.3		32052		0.01 L			0.04 L				0.03 L
08 03 75	1150			.3		32101						0.01			
06 04 75	1145			.3		32165						0.01 L			
26 04 75	1140			.3		32200						0.01 L			
31 05 75	1105			.3		32263						0.04			
04 07 75	1230			.3		32327						0.03 L			
09 08 75	1120			.3		32373						0.01			
05 09 75	1130			.3		32435						0.03 L			
06 10 75	1110			.3		32481						0.02			
07 11 75	1140			.3		32527						0.02			
07 12 75	1135			.3		32575						0.01 L			
MAXIMUM								0.01			0.04	0.04			0.03
AVG OR GEOM MN (*)								0.01 D			0.04 D	0.02 D			0.03 D
MINIMUM								0.01			0.04	0.01			0.03
NO OF SAMPLES								1			1	11			1

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	65 MAG NESIUM MG/L	74 TOT. MAG NESIUM MG/L	200 MANGNESE MN MG/L	235 TOTAL MERCURY UG/L	238 TOTAL NICKEL MG/L	249 TOTAL ZINC MG/L	217 TOTAL COBALT MG/L	218 BARIUM MG/L	219 SELENIUM MG/L	361 SOLVENT EXTRBLES MG/L
05 01 75				.3						0.04 L	0.030L				
03 02 75	1100			.3				0.02 L							
08 03 75	1150			.3						0.01 L	0.030L				
06 04 75	1145			.3						0.02 L	0.010L				
26 04 75	1140			.3						0.01	0.010L				
31 05 75	1105			.3						0.02 L	0.010L				
04 07 75	1230			.3						0.04 L	0.030L				
09 08 75	1120			.3						0.02 L	0.010L				
05 09 75	1130			.3						0.03 L	0.030L				
06 10 75	1110			.3						0.01 L	0.010L				
07 11 75	1140			.3						0.01 L	0.010L				
07 12 75	1135			.3						0.02	0.010L				
MAXIMUM								0.02		0.04	0.030				
AVG OR GEOM MN (*)								0.02 D		0.02 D	0.017D				
MINIMUM								0.02		0.01	0.010				
NO OF SAMPLES								1		11	11				

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SAMPLE INFORMATION SYSTEM          STATION SUMMARY REPORT - RIVER BASINS                     DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: MINISTIC CREEK                                                                  STATION ID:  14-0028-021-02
SAMPLE POINT: AT FIRST BRIDGE ON AGNEW ROAD
 STATION TYPE: RIVER                                      MAJOR BASIN: GREAT LAKES                      STORET CODE: 02
                                                          MINOR BASIN: LAKE HURON                                    002
                                                          TERM STREAM: SPANISH RIVER                                 7950

STN NO     21       LAT               LONG                U.T.M. 17 0458775.0 5138500.0 4     REGION 05           MILEAGE   54.30

                                          934      901      444        80        81        84        88       805        3         1
SAMP DTE HOUR  STN  STN SAMP  PJ        SAMPLE      SCD  FLOW CFS     TOTAL     FECAL      M.F.    PSEUD.    WATER     DISS.     5-DAY
DY MO YR LMT   DIST BRG DEPTH               NO                     COLIFORM  COLIFORM    ENTER.       MPA    TEMP.        O2       BOD
               FEET      MTRS                                      MF/100ML  MF/100ML  MF/100ML  MF/100ML    DEG C      MG/L      MG/L

08 03 75 1415              .3           32105    4 6 8                                                      0.0       10.0       0.2


                      MAXIMUM                                                                               0.00      10.0       0.2
             AVG OR GEOM MN (*)                                                                             0.0       10.0       0.2
                      MINIMUM                                                                               0.0       10.0       0.2

               NO OF SAMPLES                                                                                  1          1         1



                                          33       34        19        20        21        22        16        14        56        55
SAMP DTE HOUR  STN  STN SAMP  PJ        TOTAL  FILTERED  FILTERED     TOTAL   NITRITE   NITRATE     TURB.     COND.  CHLORIDE        PH
DY MO YR LMT   DIST BRG DEPTH               P  REACTIVE   AMMONIA  KJELDAHL     NO2-N     NO3-N  FORMAZIN       25C      MG/L    AT LAB
               FEET      MTRS            MG/L    P MG/L      MG/L      MG/L      MG/L      MG/L     UNITS     UMHOS

08 03 75 1415              .3           0.010     0.005      0.15      0.29     0.007     0.170     33.00        74        1.


                      MAXIMUM           0.010     0.005      0.15      0.29     0.007     0.170     33.00        74        1.
             AVG OR GEOM MN (*)         0.010     0.005      0.15      0.29     0.007     0.170     33.00        74        1.
                      MINIMUM           0.010     0.005      0.15      0.29     0.007     0.170     33.00        74        1.

               NO OF SAMPLES              1         1         1         1         1         1         1         1         1
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SAMPLE INFORMATION SYSTEM       STATION SUMMARY REPORT - RIVER BASINS
                                                                                           DATE OF REPORT  28 OCT 77
 B.O.W./ SITE: MINISTIC CREEK
 SAMPLE POINT: ABOVE AGNEW LAKE MINE PUMPHOUSE                                                STATION ID:  14-0028-022-02
 STATION TYPE: RIVER
                                                         MAJOR BASIN: GREAT LAKES                          STORET CODE: 02
                                                         MINOR BASIN: LAKE HURON                                        002
                                                         TERM STREAM: SPANISH RIVER                                     7950

STN NO     22       LAT                   LONG           U.T.M. 17 0453900.0 5141750.0 4      REGION 05            MILEAGE   59.80

                                      934       901       444         80         81         84         88       805          3          1
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE        SCD  FLOW CFS      TOTAL      FECAL       M.F.      PSEUD.    WATER      DISS.      5-DAY
DY MO YR LMT   DIST BRG DEPTH           NO                        COLIFORM   COLIFORM     ENTER.        MPA    TEMP.         02        BOD
               FEET       MTRS                                    MF/100ML   MF/100ML   MF/100ML   MF/100ML    DEG C       MG/L       MG/L

08 03 75 1345               .3      32104   4 6 8                                                             0.0        10.0        0.2
16 05 75                    .3      27214
06 06 75                    .3      27215
08 07 75                    .3      27216
05 08 75                    .3      27217
05 09 75                    .3      27218
30 10 75                    .3      27219


                       MAXIMUM
          AVG OR GEOM MN (*)                                                                                  0.00       10.0        0.2
                       MINIMUM                                                                                0.0        10.0        0.2
                                                                                                              0.0        10.0        0.2
                NO OF SAMPLES
                                                                                                                 1          1          1



                                     33        34         19         20         21         22         16         14         56         55
SAMP DTE HOUR  STN  STN SAMP  PJ    TOTAL  FILTERED   FILTERED      TOTAL    NITRITE    NITRATE      TURB.      COND.   CHLORIDE         PH
DY MO YR LMT   DIST BRG DEPTH           P  REACTIVE    AMMONIA   KJELDAHL      NO2-N      NO3-N   FORMAZIN        25C       MG/L     AT LAB
               FEET       MTRS       MG/L    P MG/L       MG/L       MG/L       MG/L       MG/L      UNITS      UMHOS

08 03 75 1345               .3      0.009     0.004     0.14       0.37       0.006      0.170      3.20        72         1.
16 05 75                    .3      0.010     0.003     0.02       0.21       0.005      0.020                  49
06 06 75                    .3      0.022     0.003     0.02       0.46       0.006      0.020                  56
08 07 75                    .3      0.034     0.003                0.50       0.005      0.080                  64
05 08 75                    .3      0.026     0.002     0.01 L     0.44       0.003      0.010                  70
05 09 75                    .3      0.024     0.003     0.01 L     0.50       0.003      0.010L                 80                    6.4
30 10 75                    .3      0.018     0.001     0.01       0.49       0.004      0.080                 100


                       MAXIMUM      0.034     0.004     0.14       0.50       0.006      0.170      3.20       100         1.         6.4
          AVG OR GEOM MN (*)        0.020     0.003     0.04 D     0.42       0.005      0.056D     3.20        70         1.         6.4
                       MINIMUM      0.009     0.001     0.01       0.21       0.003      0.010      3.20        49         1.         6.4

                NO OF SAMPLES           7         7        6          7          7          7          1         7          1          1



                                     934        95         52         50         76         61         68         25         60        280
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE   ACIDITY    TOT ALK   HARDNESS     CALCUL      TOTAL     COLOUR   PHENOLS               REACTIVE
DY MO YR LMT   DIST BRG DEPTH           NO      MG/L     AT LAB      CACO3   HARDNESS       IRON      HAZEN              FLUORIDE   SILICATE
               FEET       MTRS                             MG/L       MG/L       MG/L       MG/L      UNITS      UG/L       MG/L    SI MG/L

16 05 75                    .3      27214                  10         19                    0.45
06 06 75                    .3      27215                  14         23                    0.80
08 07 75                    .3      27216                  18         30                    1.00
05 08 75                    .3      27217                  17                    29.        0.45
05 09 75                    .3      27218                  26                    34.        0.53
30 10 75                    .3      27219                  14                    40.        0.44


                       MAXIMUM                             26         30         40.        1.00
          AVG OR GEOM MN (*)                               17         24         34.        0.61
                       MINIMUM                             10         19         29.        0.44

                NO OF SAMPLES                               6          3          3          6
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CONT'D

SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: MINISTIC CREEK
SAMPLE POINT: ABOVE AGNEW LAKE MINE PUMPHOUSE
STATION TYPE: RIVER

STATION ID: 14-0028-022-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO 22 LAT LONG U.T.M. 17 0453900.0 5141750.0 4 REGION 05 MILEAGE 59.80

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
16 05 75				.3		11.									
06 06 75				.3		11.									
08 07 75				.3		12.									
05 08 75				.3		11.									
05 09 75				.3		14.									
30 10 75				.3		25.									
MAXIMUM						25.									
AVG OR GEOM MN (*)						14.									
MINIMUM						11.									
NO OF SAMPLES						6									

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	203 TOTAL ALUMINUM MG/L	265 TOTAL ARSENIC MG/L	64 CALCIUM MG/L	72 TOTAL CALCIUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	272 SIMPLE CYANIDE MG/L	215 TOTAL CADMIUM MG/L	229 TOTAL LEAD MG/L
16 05 75				.3		27214						0.01 L		0.010L	0.01 L
06 06 75				.3		27215						0.01 L		0.010L	0.01 L
08 07 75				.3		27216						0.01 L		0.010L	0.01 L
05 08 75				.3		27217						0.02		0.010L	0.01 L
30 10 75				.3		27219						0.02		0.010L	0.01 L
MAXIMUM												0.02		0.010	0.01
AVG OR GEOM MN (*)												0.01 D		0.010D	0.01 D
MINIMUM												0.01		0.010	0.01
NO OF SAMPLES												5		5	5

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	65 MAG NESIUM MG/L	74 TOT. MAG NESIUM MG/L	200 MANGNESE MN MG/L	235 TOTAL MERCURY UG/L	238 TOTAL NICKEL MG/L	249 TOTAL ZINC MG/L	217 TOTAL COBALT MG/L	218 BARIUM MG/L	219 SELENIUM MG/L	361 SOLVENT EXTRBLES MG/L
16 05 75				.3				0.05	0.050	0.02 L	0.070	0.02 L			
06 06 75				.3				0.08	0.080	0.02 L	0.010L	0.02 L			
08 07 75				.3				0.12	0.120	0.02 L	0.060	0.02 L			
05 08 75				.3				0.11	0.110	0.02 L	0.010L	0.02 L			
30 10 75				.3				0.05	0.050	0.01 L	0.030	0.01 L			
MAXIMUM								0.12	0.120	0.02	0.070	0.02			
AVG OR GEOM MN (*)								0.08	0.082	0.02 D	0.036D	0.02 D			
MINIMUM								0.05	0.050	0.01	0.010	0.01			
NO OF SAMPLES								5	5	5	5	5			

B.O.W./ SITE: JOHN CREEK
SAMPLE POINT: BELOW DITCH FROM AGNEW LAKE MINE
STATION TYPE: RIVER

STATION ID: 14-0028-023-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO 23   LAT   LONG   U.T.M. 17 0450200.0 5140900.0 4   REGION 05   MILEAGE 65.90

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
08 03 75	1225			.3		32102	4 6 8						0.0	9.0	0.8
06 06 75				.3		27209									
08 07 75				.3		27210									
05 08 75				.3		27211									
05 09 75				.3		27212									
30 10 75				.3		27213									
MAXIMUM													0.00	9.0	0.8
AVG OR GEOM MN (*)													0.0	9.0	0.8
MINIMUM													0.0	9.0	0.8
NO OF SAMPLES													1	1	1

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
08 03 75	1225			.3		0.016	0.001	0.14	0.64	0.003	0.250	1.50	76	2.	
06 06 75				.3		0.012	0.006	0.01	0.26	0.004	0.040		56		
08 07 75				.3		0.008	0.003	0.01	0.28	0.003	0.020		71		
05 08 75				.3		0.010	0.001	0.01 L	0.25	0.004	0.030		82		
05 09 75				.3		0.008	0.004	0.01 L	0.25	0.004	0.010L		105		
30 10 75				.3		0.008	0.001						110		
MAXIMUM						0.016	0.006	0.14	0.64	0.004	0.250	1.50	110	2.	
AVG OR GEOM MN (*)						0.010	0.003	0.04 D	0.34	0.004	0.070D	1.50	83	2.	
MINIMUM						0.008	0.001	0.01	0.25	0.003	0.010	1.50	56	2.	
NO OF SAMPLES						6	6	5	5	5	5	1	6	1	

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
06 06 75				.3		27209		21	28		0.40				
08 07 75				.3		27210		20	30		0.45				
05 08 75				.3		27211		21		32.	0.45				
05 09 75				.3		27212		33		43.	0.35				
30 10 75				.3		27213		21		34.	0.26				
MAXIMUM								33	30	43.	0.45				
AVG OR GEOM MN (*)								23	29	36.	0.38				
MINIMUM								20	28	32.	0.26				
NO OF SAMPLES								5	2	3	5				

CONT'D

B.O.W./ SITE: JOHN CREEK
SAMPLE POINT: BELOW DITCH FROM AGNEW LAKE MINE
STATION TYPE: RIVER

STATION ID: 14-0028-023-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO 23 LAT LONG U.T.M. 17 0450200.0 5140900.0 4 REGION 05 MILEAGE 65.90

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
06 06 75				.3		8.									
08 07 75				.3		13.									
05 08 75				.3		10.									
05 09 75				.3		10.									
30 10 75				.3		14.									
MAXIMUM						14.									
AVG OR GEOM MN (*)						11.									
MINIMUM						8.									
NO OF SAMPLES						5									

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	203 TOTAL ALUMINUM MG/L	265 TOTAL ARSENIC MG/L	64 CALCIUM MG/L	72 TOTAL CALCIUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	272 SIMPLE CYANIDE MG/L	215 TOTAL CADMIUM MG/L	229 TOTAL LEAD MG/L
06 06 75				.3		27209						0.02		0.010L	0.01 L
08 07 75				.3		27210						0.01 L		0.010L	0.01 L
05 08 75				.3		27211						0.01 L		0.010L	0.01 L
05 09 75				.3		27212									
30 10 75				.3		27213						0.02		0.010L	0.01 L
MAXIMUM												0.02		0.010	0.01
AVG OR GEOM MN (*)												0.02 D		0.010D	0.01 D
MINIMUM												0.01		0.010	0.01
NO OF SAMPLES												4		4	4

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	65 MAG NESIUM MG/L	74 TOT. MAG NESIUM MG/L	200 MANGNESE MN MG/L	235 TOTAL MERCURY UG/L	238 TOTAL NICKEL MG/L	249 TOTAL ZINC MG/L	217 TOTAL COBALT MG/L	218 BARIUM MG/L	219 SELENIUM MG/L	361 SOLVENT EXTRBLES MG/L
06 06 75				.3				0.02	0.050L	0.02 L	0.010	0.02 L			
08 07 75				.3				0.03	0.100L	0.02 L	0.010L	0.02 L			
05 08 75				.3				0.03	0.060L	0.02 L	0.010L	0.02 L			
05 09 75				.3								0.01 L			
30 10 75				.3				0.03	0.100L	0.01 L	0.500				
MAXIMUM								0.03	0.100	0.02	0.500	0.02			
AVG OR GEOM MN (*)								0.03	0.078D	0.02 D	0.133D	0.02 D			
MINIMUM								0.02	0.050	0.01	0.010	0.01			
NO OF SAMPLES								4	4	4	4	4			

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SAMPLE INFORMATION SYSTEM          STATION SUMMARY REPORT - RIVER BASINS                            DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: JOHN CREEK                                                                            STATION ID:  14-0028-024-02
 SAMPLE POINT: ABOVE DITCH FROM AGNEW LAKE MINE
 STATION TYPE: RIVER                                      MAJOR BASIN: GREAT LAKES                              STORET CODE: 02
                                                          MINOR BASIN: LAKE HURON                                            002
                                                          TERM STREAM: SPANISH RIVER                                         7950

STN NO     24      LAT                 LONG                U.T.M. 17 0449750.0 5141350.0 4     REGION 05              MILEAGE   66.20


                                        934       901      444        80        81        84        88       805         3          1
SAMP DTE HOUR  STN  STN SAMP  PJ      SAMPLE       SCD  FLOW CFS     TOTAL     FECAL      M.F.    PSEUD.     WATER     DISS.      5-DAY
DY MO YR LMT   DIST BRG DEPTH             NO                      COLIFORM  COLIFORM    ENTER.       MPA     TEMP.        O2        BOD
               FEET      MTRS                                     MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L       MG/L

08 03 75 1245              .3          32103    4 6 8                                                        0.0        9.0        0.8
16 05 75                   .3          27206
05 09 75                   .3          27207
30 10 75                   .3          27208


                MAXIMUM                                                                                    0.00       9.0        0.8
      AVG OR GEOM MN (*)                                                                                   0.0        9.0        0.8
                MINIMUM                                                                                    0.0        9.0        0.8

           NO OF SAMPLES                                                                                     1          1          1



                                         33        34        19        20        21        22        16        14        56          55
SAMP DTE HOUR  STN  STN SAMP  PJ       TOTAL  FILTERED  FILTERED     TOTAL   NITRITE   NITRATE     TURB.     COND.  CHLORIDE          PH
DY MO YR LMT   DIST BRG DEPTH              P  REACTIVE   AMMONIA  KJELDAHL     NO2-N     NO3-N  FORMAZIN       25C      MG/L      AT LAB
               FEET      MTRS           MG/L    P MG/L      MG/L      MG/L      MG/L      MG/L     UNITS     UMHOS

08 03 75 1245              .3          0.014     0.001    0.15       0.58      0.003     0.260     1.40        77        2.
16 05 75                   .3          0.022     0.002    0.02       0.34      0.070     0.004                 53
05 09 75                   .3          0.009     0.001    0.01 L     0.22      0.010L    0.002                105
30 10 75                   .3          0.007     0.001    0.01 L     0.23      0.030     0.003                 84


                MAXIMUM                0.022     0.002    0.15       0.58      0.070     0.260     1.40       105        2.
      AVG OR GEOM MN (*)               0.013     0.001    0.05 D     0.34      0.028D    0.067     1.40        80        2.
                MINIMUM                0.007     0.001    0.01       0.22      0.003     0.002     1.40        53        2.

           NO OF SAMPLES                   4         4        4          4         4         4        1         4         1



                                        934        95        52        50        76        61        68        25        60         280
SAMP DTE HOUR  STN  STN SAMP  PJ      SAMPLE  ACIDITY   TOT ALK  HARDNESS    CALCUL     TOTAL    COLOUR   PHENOLS             REACTIVE
DY MO YR LMT   DIST BRG DEPTH             NO     MG/L    AT LAB     CACO3  HARDNESS      IRON     HAZEN             FLUORIDE  SILICATE
               FEET      MTRS                              MG/L      MG/L      MG/L      MG/L     UNITS      UG/L      MG/L   SI MG/L

16 05 75                   .3          27206                 12        25                0.70
05 09 75                   .3          27207                 34                 44.      0.25
30 10 75                   .3          27208                 21                 33.      0.22


                MAXIMUM                                      34        25       44.      0.70
      AVG OR GEOM MN (*)                                     22        25       38.      0.39
                MINIMUM                                      12        25       33.      0.22

           NO OF SAMPLES                                      3         1         2         3
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CONT'D

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  B.O.W./ SITE: JOHN CREEK
  SAMPLE POINT: ABOVE DITCH FROM AGNEW LAKE MINE                                                         STATION ID:  14-0028-024-02
  STATION TYPE: RIVER
                                                              MAJOR BASIN: GREAT LAKES                              STORET CODE: 02
                                                              MINOR BASIN: LAKE HURON                                            002
                                                              TERM STREAM: SPANISH RIVER                                         7950

STN NO     24        LAT                 LONG                 U.T.M. 17 0449750.0 5141350.0 4      REGION 05            MILEAGE   66.20

                                           59         5         6         7       107        67        66        45        47         41
SAMP DTE HOUR   STN  STN SAMP  PJ   SULPHATE     TOTAL     SUSP.     DISS.     DISS.   PTSSIUM    SODIUM     TOT C   ORGANIC        COD
DY MO YR LMT    DIST BRG DEPTH                  SOLIDS    SOLIDS    SOLIDS    SOLIDS         K        NA      AS C    C AS C
                FEET      MTRS          MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L       MG/L

16 05 75                    .3           12.
05 09 75                    .3           10.
30 10 75                    .3           13.


                       MAXIMUM           13.
           AVG OR GEOM MN (*)            11.
                       MINIMUM           10.

                 NO OF SAMPLES             3



                                          934       203       265        64        72       221       225       272       215        229
SAMP DTE HOUR   STN  STN SAMP  PJ      SAMPLE     TOTAL     TOTAL                TOTAL     TOTAL     TOTAL    SIMPLE     TOTAL      TOTAL
DY MO YR LMT    DIST BRG DEPTH             NO  ALUMINUM   ARSENIC   CALCIUM   CALCIUM  CHROMIUM    COPPER   CYANIDE   CADMIUM       LEAD
                FEET      MTRS                     MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L       MG/L
16 05 75                    .3         27206
30 10 75                    .3         27208                                                     0.01 L              0.010     0.01 L
                                                                                                 0.01                0.010L    0.01 L

                       MAXIMUM
           AVG OR GEOM MN (*)                                                                    0.01                0.010     0.01
                       MINIMUM                                                                   0.01 D              0.010D    0.01 D
                                                                                                 0.01                0.010     0.01
                 NO OF SAMPLES
                                                                                                    2                   2          2



                                         65        74       200       235       238       249       217       218       219        361
SAMP DTE HOUR   STN  STN SAMP  PJ       MAG  TOT. MAG  MANGNESE     TOTAL     TOTAL     TOTAL     TOTAL    BARIUM  SELENIUM    SOLVENT
DY MO YR LMT    DIST BRG DEPTH       NESIUM    NESIUM        MN   MERCURY    NICKEL      ZINC    COBALT      MG/L      MG/L   EXTRBLES
                FEET      MTRS         MG/L      MG/L      MG/L      UG/L      MG/L      MG/L      MG/L                           MG/L

16 05 75                    .3                            0.02     0.020L    0.02 L    0.020     0.02 L
30 10 75                    .3                            0.02     0.100L    0.02 L    0.020     0.01 L


                       MAXIMUM                            0.02     0.100     0.02      0.020     0.02
           AVG OR GEOM MN (*)                             0.02     0.060D    0.02 D    0.020     0.02 D
                       MINIMUM                            0.02     0.020     0.02      0.020     0.01

                 NO OF SAMPLES                               2         2         2         2         2
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B.O.W./ SITE: MILL DITCH
SAMPLE POINT: AT OPEN DITCH BELOW MINE OUTFALL
STATION TYPE: RIVER

STATION ID: 14-0028-025-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO 25 LAT LONG U.T.M. 17 0451500.0 5141850.0 4 REGION 05 MILEAGE 67.40

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
16 05 75				.3		27200									
06 06 75				.3		27201									
08 07 75				.3		27202									
05 08 75				.3		27203									
05 09 75				.3		27204									
30 10 75				.3		27205									
MAXIMUM															
AVG OR GEOM MN (*)															
MINIMUM															
NO OF SAMPLES															

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
16 05 75				.3		0.015	0.001	0.02	0.30	0.006	0.200		70		
06 06 75				.3		0.028	0.004	0.10	0.64	0.025	0.820		114		
08 07 75				.3		0.036	0.004	0.02	0.44	0.011	0.170		102		
05 08 75				.3		0.021	0.003	0.01 L	0.37	0.007	0.090		94		
05 09 75				.3		0.029	0.005	0.01 L	0.38	0.006	0.010L		90		
30 10 75				.3		0.028	0.002	0.06	0.60	0.004	0.190		165		
MAXIMUM						0.036	0.005	0.10	0.64	0.025	0.820		165		
AVG OR GEOM MN (*)						0.026	0.003	0.04 D	0.46	0.010	0.247D		106		
MINIMUM						0.015	0.001	0.01	0.30	0.004	0.010		70		
NO OF SAMPLES						6	6	6	6	6	6		6		

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
16 05 75				.3		27200		11	28		0.55				
06 06 75				.3		27201		26	45		1.00				
08 07 75				.3		27202		30	46		1.40				
05 08 75				.3		27203		27		39.	1.10				
05 09 75				.3		27204		25		36.	0.68				
30 10 75				.3		27205		21		64.	0.84				
MAXIMUM								30	46	64.	1.40				
AVG OR GEOM MN (*)								23	40	46.	0.93				
MINIMUM								11	28	36.	0.55				
NO OF SAMPLES								6	3	3	6				

CONT'D

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B.O.W./ SITE: MILL DITCH                                                                                   STATION ID:  14-0028-025-02
SAMPLE POINT: AT OPEN DITCH BELOW MINE OUTFALL
STATION TYPE: RIVER                                         MAJOR BASIN: GREAT LAKES                              STORET CODE: 02
                                                            MINOR BASIN: LAKE HURON                                            002
                                                            TERM STREAM: SPANISH RIVER                                         7950

STN NO     25        LAT                 LONG               U.T.M. 17 0451500.0 5141850.0 4      REGION 05              MILEAGE   67.40

                                         59          5          6          7        107         67         66         45         47         41
SAMP DTE HOUR  STN  STN SAMP  PJ   SULPHATE      TOTAL      SUSP.      DISS.      DISS.    PTSSIUM     SODIUM      TOT C    ORGANIC        COD
DY MO YR LMT   DIST BRG DEPTH                   SOLIDS     SOLIDS     SOLIDS     SOLIDS          K         NA       AS C     C AS C
               FEET      MTRS          MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L

16 05 75                   .3        15.
06 06 75                   .3        20.
08 07 75                   .3        16.
05 08 75                   .3        12.
05 09 75                   .3        12.
30 10 75                   .3        43.


                      MAXIMUM        43.
           AVG OR GEOM MN (*)        19.
                      MINIMUM        12.

                NO OF SAMPLES          6



                                        934        203        265         64         72        221        225        272        215        229
SAMP DTE HOUR  STN  STN SAMP  PJ     SAMPLE      TOTAL      TOTAL                 TOTAL      TOTAL      TOTAL     SIMPLE      TOTAL      TOTAL
DY MO YR LMT   DIST BRG DEPTH            NO   ALUMINUM    ARSENIC    CALCIUM    CALCIUM   CHROMIUM     COPPER    CYANIDE    CADMIUM       LEAD
               FEET      MTRS                     MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L

16 05 75                   .3        27200                                                             0.01 L                0.010L     0.01 L
06 06 75                   .3        27201                                                             0.04                  0.010L     0.01 L
08 07 75                   .3        27202                                                             0.02                  0.010L     0.01 L
05 08 75                   .3        27203                                                             0.01 L                0.010L     0.01 L
30 10 75                   .3        27205                                                             0.04                  0.010L     0.01 L


                      MAXIMUM                                                                          0.04                  0.010      0.01
           AVG OR GEOM MN (*)                                                                          0.02 D                0.0100     0.01 D
                      MINIMUM                                                                          0.01                  0.010      0.01

                NO OF SAMPLES                                                                            5                     5          5



                                         65         74        200        235        238        249        217        218        219        361
SAMP DTE HOUR  STN  STN SAMP  PJ        MAG   TOT. MAG   MANGNESE      TOTAL      TOTAL      TOTAL      TOTAL     BARIUM   SELENIUM    SOLVENT
DY MO YR LMT   DIST BRG DEPTH        NESIUM     NESIUM         MN    MERCURY     NICKEL       ZINC     COBALT       MG/L       MG/L   EXTRBLES
               FEET      MTRS          MG/L       MG/L       MG/L       UG/L       MG/L       MG/L       MG/L                             MG/L

16 05 75                   .3                                0.07       0.010      0.02 L     0.170      0.02 L
06 06 75                   .3                                0.18       0.050L     0.02 L     0.130      0.02 L
08 07 75                   .3                                0.23       0.100L     0.02 L     0.150      0.02 L
05 08 75                   .3                                0.22       0.060L     0.02 L     0.020      0.02 L
30 10 75                   .3                                0.44       0.100L     0.02       0.440      0.02


                      MAXIMUM                                0.44       0.100      0.02       0.440      0.02
           AVG OR GEOM MN (*)                                0.23       0.064D     0.02 D     0.182      0.02 D
                      MINIMUM                                0.07       0.010      0.02       0.020      0.02

                NO OF SAMPLES                                  5          5          5          5          5
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SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: VERMILION RIVER
SAMPLE POINT: HIGHWAY 17 2 MILES EAST OF WHITEFISH
STATION TYPE: RIVER

STATION ID: 14-0028-027-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO 27 LAT LONG U.T.M. 17 0478550.0 5137250.0 4 REGION 05 MILEAGE 65.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
05 01 75			.3		32004			10. L	1.	1.				0.6
03 02 75 1500			.3		32053	6 8 4		1.	1.	4.		0.0	10.0	0.6
08 03 75 1525			.3		32106	4 6 8						0.0	10.0	0.6
06 04 75 1330			.3		32166	4 6 8		100.	1.	1.		0.0	10.0	0.2
26 04 75 1240			.3		32201	3 6 8		720.	4.	510.		3.0	10.0	1.0
31 05 75 1205			.3		32264	6 8		440.	4.	1.		11.0	10.0	0.8
04 07 75 1325			.3		32328	6 8		70.	1.	1.		19.0	11.0	0.6
09 08 75 1200			.3		32374	6 8		30.	4.	1.		20.0	10.0	0.4
05 09 75 1210			.3		32436	6 8		10.	4.	1.		11.0	10.0	1.2
06 10 75 1155			.3		32482	6 8		5.	0.	1.		4.0	11.0	1.0
07 11 75 1230			.3		32528	6 8		10.	1.	1.		2.0	10.0	1.2
07 12 75 1215			.3		32576	6 8						0.0	11.0	1.0
MAXIMUM								720.	4.	510.		20.0	11.0	1.2
AVG OR GEOM MN (*)								28.* D	2.*	2.*		6.4	10.3	0.8
MINIMUM								1.	0.	1.		0.0	10.0	0.2
NO OF SAMPLES								10	10	10		11	11	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
05 01 75			.3		0.018	0.003	0.95	1.50	0.010	0.260	1.70	190	10.	7.1
03 02 75 1500			.3		0.030	0.006	1.20	1.70	0.010	0.460	3.00	295	14.	6.9
08 03 75 1525			.3		0.015	0.004	1.80	2.30	0.007	0.500	1.80	320	17.	6.9
06 04 75 1330			.3		0.011	0.005	0.12	0.32	0.008	0.350	2.20	165	8.	
26 04 75 1240			.3		0.034	0.001	0.07	0.37	0.006	0.080	7.00	92	3.	6.8
31 05 75 1205			.3		0.017	0.002	0.02	0.51	0.004	0.040	1.50	110	1.	8.1
04 07 75 1325			.3		0.006	0.002	0.03	0.25	0.003	0.030	0.85	47	1.	7.3
09 08 75 1200			.3		0.010	0.003	0.03	0.20	0.002	0.010L	1.00	125	4.	7.5
05 09 75 1210			.3		0.009	0.001	0.01 L	0.24	0.002	0.010	0.50	145	5.	7.2
06 10 75 1155			.3		0.010	0.001L	0.01 L	0.27	0.002	0.010L	0.90	180	7.	7.3
07 11 75 1230			.3		0.009	0.001	0.01 L	0.23	0.003	0.130	1.20	210	9.	
07 12 75 1215			.3		0.014	0.002	0.03	0.30	0.006	0.170	2.00	150	6.	7.1
MAXIMUM					0.034	0.006	1.80	2.30	0.010	0.500	7.00	320	17.	8.1
AVG OR GEOM MN (*)					0.015	0.003D	0.36 D	0.68	0.005	0.171D	1.97	169	7.	7.2
MINIMUM					0.006	0.001	0.01	0.20	0.002	0.010	0.50	47	1.	6.8
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
05 01 75			.3		150.									
03 02 75 1500			.3		80.									
08 03 75 1525			.3		93.									
06 04 75 1330			.3		39.									
26 04 75 1240			.3		2.									
31 05 75 1205			.3		17.									
04 07 75 1325			.3		11.									
09 08 75 1200			.3		27.									
05 09 75 1210			.3		30.									
06 10 75 1155			.3		36.									
07 11 75 1230			.3		43.									
07 12 75 1215			.3		40.									
MAXIMUM					150.									
AVG OR GEOM MN (*)					47.									
MINIMUM					2.									
NO OF SAMPLES					12									

CONT'D

B.O.W./ SITE: VERMILION RIVER
SAMPLE POINT: HIGHWAY 17 2 MILES EAST OF WHITEFISH
STATION TYPE: RIVER

STATION ID: 14-0028-027-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
0C2
7950

STN NO 27 LAT LONG U.T.M. 17 0478550.0 5137250.0 4 REGION 05 MILEAGE 65.40

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	203 TOTAL ALUMINUM MG/L	265 TOTAL ARSENIC MG/L	64 CALCIUM MG/L	72 TOTAL CALCIUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	272 SIMPLE CYANIDE MG/L	215 TOTAL CADMIUM MG/L	229 TOTAL LEAD MG/L
05 01 75				.3		32004						0.03 L			
03 02 75	1500			.3		32053		0.01 L			0.04 L				0.03 L
08 03 75	1525			.3		32106						0.07			
06 04 75	1330			.3		32166						0.02			
26 04 75	1240			.3		32201						0.02			
31 05 75	1205			.3		32264						0.20			
04 07 75	1325			.3		32328						0.03 L			
09 08 75	1200			.3		32374						0.02			
05 09 75	1210			.3		32436						0.03 L			
06 10 75	1155			.3		32482						0.02			
07 11 75	1230			.3		32528						0.01			
07 12 75	1215			.3		32576						0.01			
MAXIMUM								0.01			0.04	0.20			0.03
AVG OR GEOM MN (*)								0.01 D			0.04 D	0.04 D			0.03 D
MINIMUM								0.01			0.04	0.01			0.03
NO OF SAMPLES								1			1	11			1

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	65 MAG NESIUM MG/L	74 TOT. MAG NESIUM MG/L	200 MANGNESE MN MG/L	235 TOTAL MERCURY UG/L	238 TOTAL NICKEL MG/L	249 TOTAL ZINC MG/L	217 TOTAL COBALT MG/L	218 BARIUM MG/L	219 SELENIUM MG/L	361 SOLVENT EXTRBLES MG/L
05 01 75				.3				0.12		0.39	0.030				
03 02 75	1500			.3											
08 03 75	1525			.3				0.14		0.50	0.020				
06 04 75	1330			.3						0.15	0.010				
26 04 75	1240			.3				0.11		0.12	0.020				
31 05 75	1205			.3				0.04		0.12	0.020				
04 07 75	1325			.3						0.04 L	0.030L				
09 08 75	1200			.3				0.03		0.02	0.010L				
05 09 75	1210			.3				0.03		0.04	0.030L				
06 10 75	1155			.3				0.02		0.02	0.010L				
07 11 75	1230			.3				0.03		0.04	0.010				
07 12 75	1215			.3				0.04		0.13	0.010				
MAXIMUM								0.14		0.50	0.030				
AVG OR GEOM MN (*)								0.06		0.14 D	0.018D				
MINIMUM								0.02		0.02	0.010				
NO OF SAMPLES								9		11	11				

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SAMPLE INFORMATION SYSTEM       STATION SUMMARY REPORT - RIVER BASINS                           DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: WHITSON RIVER                                                                     STATION ID:   14-0028-028-02
 SAMPLE POINT: HIGHWAY 634 WEST OF VAL CARON
 STATION TYPE: RIVER                                          MAJOR BASIN: GREAT LAKES                           STORET CODE: 02
                                                              MINOR BASIN: LAKE HURON                                         002
                                                              TERM STREAM: SPANISH RIVER                                      7950

STN NO     28       LAT                 LONG                  U.T.M. 17 0497500.0 5161600.0 4     REGION 05          MILEAGE    97.70


                                       934       901       444        80        81        84        88       805         3         1
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE       SCD  FLOW CFS     TOTAL     FECAL      M.F.    PSEUD.     WATER     DISS.     5-DAY
DY MO YR LMT   DIST BRG DEPTH           NO                      COLIFORM  COLIFORM    ENTER.       MPA     TEMP.        O2       BOD
               FEET      MTRS                                   MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L

11 01 75 0840               .3       32020   6 8          22.0    44.        1.       24.                    0.0       9.0       1.8
07 02 75 0800               .3       32069   6 8 4        23.5    48.        1.        1.                    0.0       8.0       3.0
16 03 75 0900               .3       32136   4 6 8        14.2    16.        1.        1.                    0.0       9.0       1.0
13 04 75 0820               .3       32182   6 8          19.2   516.        1.        1.                    0.0       8.0       1.2
11 05 75 0900               .3       32231   6 8 9       169.0   100.        4.        1.                    9.0       8.0       0.8
02 06 75 0815               .3       32281   6 8 9        36.2    92.       64.        1.                   11.0      10.0       0.8
06 07 75 0900               .3       32345   6 8           4.8   100.       28.       20.                   19.0       9.0       1.2
12 08 75 0915               .3       32391   6 8           2.2                                              20.0       9.0       0.4
16 09 75 0815               .3       32451   6 8           5.7   130.       52.       16.                    9.0      10.0       0.8
17 10 75 0800               .3       32497   6 8          48.1   200.       52.       96.                    2.0      10.0       4.0
16 11 75 0900               .3       32545   6 8          45.9    40.        4.        1.                    1.0      10.0       0.6
14 12 75 0830               .3       32593   6 8          67.0    20.        1.        1.                    0.0      10.0       0.4


                       MAXIMUM                           169.0   516.       64.       96.                   20.0      10.0       4.0
            AVG OR GEOM MN (*)                            38.1    73.*       5.*       3.*                   5.9       9.2       1.3
                       MINIMUM                             2.2    16.        1.        1.                    0.0       8.0       0.4

                 NO OF SAMPLES                              12        11        11        11                  12        12        12

                                        33        34        19        20        21        22        16        14        56        55
SAMP DTE HOUR  STN  STN SAMP  PJ     TOTAL  FILTERED  FILTERED     TOTAL   NITRITE   NITRATE     TURB.     COND.  CHLORIDE        PH
DY MO YR LMT   DIST BRG DEPTH            P  REACTIVE   AMMONIA  KJELDAHL     NO2-N     NO3-N  FORMAZIN       25C      MG/L    AT LAB
               FEET      MTRS         MG/L    P MG/L      MG/L      MG/L      MG/L      MG/L     UNITS     UMHOS

11 01 75 0840               .3       0.018     0.011      0.11      0.34     0.005     0.170      2.40       250       13.
07 02 75 0800               .3       0.015     0.004      0.09      0.39     0.006     0.310      1.60       215       10.
16 03 75 0900               .3       0.020     0.005      0.25      0.54     0.008     0.040      2.50       270       19.
13 04 75 0820               .3       0.068     0.042      0.38      1.00     0.007     0.010      2.50       265       20.
11 05 75 0900               .3       0.046     0.006      0.14      0.76     0.007     0.010      1.90       165        8.
02 06 75 0815               .3       0.050     0.024      0.02      0.52     0.010     0.190      2.00       220       68.
06 07 75 0900               .3       0.150     0.090      0.15      0.72     0.008     0.640      2.60       320       18.
12 08 75 0915               .3       0.016     0.003      0.01      0.24     0.011     0.120      3.50       300       11.
16 09 75 0815               .3       0.009     0.002      0.03      0.25     0.004     0.120      2.40       300       14.
17 10 75 0800               .3       0.054     0.005      0.05      0.72     0.007     0.390      4.60       285       22.
16 11 75 0900               .3       0.009     0.001      0.06      0.36     0.005     0.250      1.10       310       15.
14 12 75 0830               .3       0.016     0.002      0.06      0.31     0.004     0.320      1.40       270       13.


                       MAXIMUM       0.150     0.090      0.38      1.00     0.011     0.640      4.60       320       68.
            AVG OR GEOM MN (*)       0.039     0.016      0.11      0.51     0.007     0.214      2.38       264       19.
                       MINIMUM       0.009     0.001      0.01      0.24     0.004     0.010      1.10       165        8.

                 NO OF SAMPLES          12        12        12        12        12        12        12        12        12


                                       934       203       265        64        72       221       225       272       215       229
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE     TOTAL     TOTAL               TOTAL     TOTAL     TOTAL    SIMPLE     TOTAL     TOTAL
DY MO YR LMT   DIST BRG DEPTH           NO  ALUMINUM   ARSENIC   CALCIUM   CALCIUM  CHROMIUM    COPPER   CYANIDE   CADMIUM      LEAD
               FEET      MTRS                   MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

13 04 75 0820               .3       32182                                                      0.29
06 07 75 0900               .3       32345                                                      0.03


                       MAXIMUM                                                                  0.29
            AVG OR GEOM MN (*)                                                                  0.16
                       MINIMUM                                                                  0.03

                 NO OF SAMPLES                                                                     2

                                        65        74       200       235       238       249       217       218       219       361
SAMP DTE HOUR  STN  STN SAMP  PJ       MAG TOT. MAG   MANGNESE    TOTAL     TOTAL     TOTAL     TOTAL    BARIUM  SELENIUM   SOLVENT
DY MO YR LMT   DIST BRG DEPTH       NESIUM    NESIUM        MN   MERCURY    NICKEL      ZINC    COBALT      MG/L      MG/L  EXTRBLES
               FEET      MTRS         MG/L      MG/L      MG/L      UG/L      MG/L      MG/L      MG/L                          MG/L

13 04 75 0820               .3                                              1.40     0.120
06 07 75 0900               .3                                              0.08     0.040


                       MAXIMUM                                              1.40     0.120
            AVG OR GEOM MN (*)                                              0.74     0.080
                       MINIMUM                                              0.08     0.040

                 NO OF SAMPLES                                                 2         2
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SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS

DATE OF REPORT 28 OCT 77

B.O.W./ SITE: MEATBIRD CREEK
SAMPLE POINT: AT OLD HIGHWAY NO 17 LIVELY
STATION TYPE: RIVER

STATION ID: 14-0028-029-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO 29 LAT LONG U.T.M. 17 0488600.0 5140350.0 4 REGION 05 MILEAGE 74.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
05 01 75			.3		32005			800.	232.	60.				2.5
03 02 75 1530			.3		32054	6 8 4		120.	10. L	10. L		0.0	8.0	1.6
08 03 75 1555			.3		32107	4 6 8						0.0	7.0	1.0
06 04 75 1415			.3		32167	6 8		1100.	4.	1.		0.0	7.0	0.2
26 04 75 1330			.3		32202	6 8 3		1.	1.	1.		4.0	7.0	0.6
31 05 75 1300			.3		32266	6 8 9		136.	84.	1.		12.0	8.0	3.8
04 07 75 1415			.3		32330	6 8 9		64.	1.	4.		20.0	7.0	0.6
09 08 75 1300			.3		32376	6 8 9		88.	52.	4.		21.0	7.0	0.8
05 09 75 1320			.3		32438	6 8 9		56.	28.	1.		13.0	8.0	2.2
06 10 75 1310			.3		32484	6 8 9		124.	22.	12.		5.0	8.0	1.4
07 11 75 1345			.3		32530	6 8 9		170.	8.	1.		3.0	8.0	2.4
07 12 75 1350			.3		32578	6 8 9						0.0	9.0	0.6
MAXIMUM								1100.	232.	60.		21.0	9.0	3.8
AVG OR GEOM MN (*)								100.*	13.* D	3.* D		7.1	7.6	1.5
MINIMUM								1.	1.	1.		0.0	7.0	0.2
NO OF SAMPLES								10	10	10		11	11	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
05 01 75			.3		0.400	0.110	2.10	2.40	0.170	1.000	6.10	420	33.	6.9
03 02 75 1530			.3		0.370	0.090	2.00	2.70	0.130	1.300	5.60	540	26.	6.5
08 03 75 1555			.3		0.380	0.080	2.90	3.00	0.130	1.200	1.10	580	37.	7.1
06 04 75 1415			.3		0.190	0.019	1.80	2.60	0.048	0.930	1.00	580	39.	7.5
26 04 75 1330			.3		0.068	0.030	0.55	0.86	0.012	0.160	2.00	200	16.	6.6
31 05 75 1300			.3		0.400	0.210	0.75	1.30	0.150	1.600	4.70	485	40.	7.4
04 07 75 1415			.3		0.010	0.001	0.02	0.32	0.002	0.020	1.00	98	3.	7.5
09 08 75 1300			.3		0.360	0.240	0.01	0.64	0.008	1.600	2.50	520	44.	7.2
05 09 75 1320			.3		0.440	0.310	0.03	0.71	0.033	1.200	1.60	550	33.	7.0
06 10 75 1310			.3		0.200	0.190	0.14	0.66	0.041	2.000	2.10	600	32.	6.8
07 11 75 1345			.3		0.340	0.180	0.45	0.87	0.049	1.600	2.50	500	28.	
07 12 75 1350			.3		0.110	0.042	0.55	0.95	0.005	0.890	4.40	380	22.	6.6
MAXIMUM					0.440	0.310	2.90	3.00	0.170	2.000	6.10	600	44.	7.5
AVG OR GEOM MN (*)					0.272	0.125	0.94	1.42	0.065	1.125	2.88	454	29.	7.0
MINIMUM					0.010	0.001	0.01	0.32	0.002	0.020	1.00	98	3.	6.5
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
05 01 75			.3		235.									
03 02 75 1530			.3		180.									
08 03 75 1555			.3		192.									
06 04 75 1415			.3		195.									
26 04 75 1330			.3		75.									
31 05 75 1300			.3		250.									
04 07 75 1415			.3		26.									
09 08 75 1300			.3		155.									
05 09 75 1320			.3		200.									
06 10 75 1310			.3		200.									
07 11 75 1345			.3		165.									
07 12 75 1350			.3		140.									
MAXIMUM					250.									
AVG OR GEOM MN (*)					167.									
MINIMUM					26.									
NO OF SAMPLES					12									

CONT'D

B.O.W./ SITE: MEATBIRD CREEK
SAMPLE POINT: AT OLD HIGHWAY NO 17 LIVELY
STATION TYPE: RIVER

STATION ID: 14-0028-029-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO 29 LAT LONG U.T.M. 17 0488600.0 5140350.0 4 REGION 05 MILEAGE 74.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	203 TOTAL ALUMINUM MG/L	265 TOTAL ARSENIC MG/L	64 CALCIUM MG/L	72 TOTAL CALCIUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	272 SIMPLE CYANIDE MG/L	215 TOTAL CADMIUM MG/L	229 TOTAL LEAD MG/L
05 01 75			.3		32005						0.06			
03 02 75 1530			.3		32054		0.01 L			0.04 L				0.03 L
08 03 75 1555			.3		32107						0.07			
06 04 75 1415			.3		32167						0.09			
26 04 75 1330			.3		32202						0.12			
31 05 75 1300			.3		32266						0.05			
04 07 75 1415			.3		32330						0.05 L			
09 08 75 1300			.3		32376						0.03			
05 09 75 1320			.3		32438						0.03 L			
06 10 75 1310			.3		32484						0.02			
07 11 75 1345			.3		32530						0.02			
07 12 75 1350			.3		32578						0.02			
MAXIMUM							0.01			0.04	0.12			0.03
AVG OR GEOM MN (*)							0.01 D			0.04 D	0.05 D			0.03 D
MINIMUM							0.01			0.04	0.02			0.03
NO OF SAMPLES							1			1	11			1

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	65 MAG NESIUM MG/L	74 TOT. MAG NESIUM MG/L	200 MANGNESE MN MG/L	235 TOTAL MERCURY UG/L	238 TOTAL NICKEL MG/L	249 TOTAL ZINC MG/L	217 TOTAL COBALT MG/L	218 BARIUM MG/L	219 SELENIUM MG/L	361 SOLVENT EXTRBLES MG/L
05 01 75			.3						2.30	0.090				
03 02 75 1530			.3				0.70							
08 03 75 1555			.3						1.70	0.080				
06 04 75 1415			.3						3.10	0.070				
26 04 75 1330			.3						1.30	0.070				
31 05 75 1300			.3						1.10	0.030				
04 07 75 1415			.3						0.38	0.030L				
09 08 75 1300			.3						0.25	0.010L				
05 09 75 1320			.3						0.32	0.030L				
06 10 75 1310			.3						0.72	0.020				
07 11 75 1345			.3						0.39	0.030				
07 12 75 1350			.3						0.12	0.110				
MAXIMUM							0.70		3.10	0.110				
AVG OR GEOM MN (*)							0.70		1.06	0.052D				
MINIMUM							0.70		0.12	0.010				
NO OF SAMPLES							1		11	11				

SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: WHITSON RIVER
SAMPLE POINT: AT BRIDGE IN THE COMMUNITY OF BRADLEY
STATION TYPE: RIVER

STATION ID: 14-0028-030-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO 30 LAT LONG U.T.M. 17 0479600.0 5153600.0 4 REGION 05 MILEAGE 80.60

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
10 01 75	1210			.3		32014	6 8						0.0	10.0	2.2
04 02 75	1305			.3		32063	6 8 4		4.	1.	1.		0.0	10.0	0.8
15 03 75	1300			.3		32130	4 6 8		1.	1.	1.		0.0	10.0	0.6
12 04 75	1200			.3		32176	6 8		2900.	730.	152.		0.0	10.0	0.8
10 05 75	1300			.3		32225	6 8		50.	10. L	10. L		9.0	9.0	0.8
01 06 75	1315			.3		32275	6 8		36.	12.	1.		11.0	10.0	0.8
05 07 75	1305			.3		32339	6 8		14700.	2400.	8.		20.0	9.0	1.0
10 08 75	1220			.3		32385	6 8		11900E+1	16100.	110.		21.0	9.0	1.2
15 09 75	1115			.3		32445	6 8		130.	10.	20.		9.0	9.0	0.6
16 10 75	1125			.3		32491	6 8		270.	40.	44.		2.0	10.0	1.0
15 11 75	1210			.3		32539	6 8		40.	4.	12.		1.0	10.0	1.8
13 12 75	1245			.3		32587	6 8		10.	1.	8.		0.0	10.0	0.6
MAXIMUM									11900E+1	16100.	152.		21.0	10.0	2.2
AVG OR GEOM MN (*)									143.*	27.* D	10.* D		6.1	9.7	1.0
MINIMUM									1.	1.	1.		0.0	9.0	0.6
NO OF SAMPLES									11	11	11		12	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
10 01 75	1210			.3		0.020	0.007	0.18	0.60	0.005	0.060	2.50	310	14.	
04 02 75	1305			.3		0.013	0.008	0.11	0.35	0.005	0.260	2.30	236	10.	
15 03 75	1300			.3		0.021	0.012	0.11	0.11	0.007	0.370	2.60	267	14.	
12 04 75	1200			.3		0.038	0.022	0.28	0.56	0.007	0.090	2.30	265	16.	
10 05 75	1300			.3		0.029	0.007	0.02	0.45	0.007	0.030	2.00	170	8.	
01 06 75	1315			.3		0.026	0.009	0.01 L	0.46	0.008	0.060	3.90	260	13.	
05 07 75	1305			.3		0.057	0.012	0.12	0.58	0.018	0.310	1.30	325	15.	
10 08 75	1220			.3		0.066	0.025	0.01 L	0.56	0.200	0.120	1.00	325	16.	
15 09 75	1115			.3		0.014	0.002	0.01 L	0.23	0.004	0.110	1.60	350	20.	
16 10 75	1125			.3		0.013	0.002	0.01	0.32	0.004	0.390	1.50	330	20.	
15 11 75	1210			.3		0.012	0.001	0.01	0.40	0.005	0.240	1.80	310	16.	
13 12 75	1245			.3		0.012	0.002	0.06	0.36	0.005	0.290	2.00	270	12.	
MAXIMUM						0.066	0.025	0.28	0.60	0.200	0.390	3.90	350	20.	
AVG OR GEOM MN (*)						0.027	0.009	0.08 D	0.42	0.023	0.194	2.07	285	14.	
MINIMUM						0.012	0.001	0.01	0.11	0.004	0.030	1.00	170	8.	
NO OF SAMPLES						12	12	12	12	12	12	12	12	12	

SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: ROBERTS CREEK
SAMPLE POINT: UPSTREAM FROM NATIONAL STEEL PUMPHOUSE SELLWOOD
STATION TYPE: RIVER

STATION ID: 14-0028-032-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO 32 LAT LONG U.T.M. 17 0497600.0 5187350.0 4 REGION 05 MILEAGE 149.90

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
11 01 75 0935			.3		32021	6 8 4		12.	1.	1.		0.0	11.0	1.6
07 02 75 0910			.3		32070	6 8 4		28.	1.	4.		0.0	11.0	0.8
16 03 75 0950			.3		32137	4 6 8		1.	1.	1.		0.0	10.0	8.0
13 04 75 0915			.3		32183	6 8		1.	1.	1.		0.0	10.0	1.6
11 05 75 0945			.3		32232	0 6 8		28.	1.	1.		9.0	11.0	0.6
02 06 75 0905			.3		32282	6 8		52.	8.	1.		11.0	11.0	1.4
06 07 75 0945			.3		32346	6 8		80.	8.	8.		19.0	10.0	0.6
12 08 75 0950			.3		32392	6 8						20.0	10.0	0.4
16 09 75 0900			.3		32452	6 8		40.	8.	1.		8.0	11.0	0.8
17 10 75 0845			.3		32498	6 8		20.	8.	8.		2.0	10.0	0.8
16 11 75 0950			.3		32546	6 8		30.	1.	1.		1.0	12.0	0.8
14 12 75 0945			.3		32594	4 6 8		20.	4.	1.		0.0	12.0	0.6
MAXIMUM								80.	8.	8.		20.0	12.0	8.0
AVG OR GEOM MN (*)								16.*	2.*	2.*		5.8	10.8	1.5
MINIMUM								1.	1.	1.		0.0	10.0	0.4
NO OF SAMPLES								11	11	11		12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
11 01 75 0935			.3		0.010	0.004	0.04	0.18	0.002	0.070	1.10	210	1.	
07 02 75 0910			.3		0.001	0.001	0.03	0.22	0.003	0.170	1.80	68		7.1
16 03 75 0950			.3		0.016	0.008	0.04	0.30	0.004	0.150	3.60	70		6.9
13 04 75 0915			.3		0.006	0.002	0.16	0.27	0.004	0.010	1.70	176	7.	7.2
11 05 75 0945			.3		0.006	0.001	0.11	0.18	0.005	0.020	1.00	61	1.	6.8
02 06 75 0905			.3		0.006	0.002	0.01	0.25	0.005	0.050	2.50	84	2.	
06 07 75 0945			.3		0.014	0.005	0.01	0.30	0.004	0.120	2.00	88	1.	
12 08 75 0950			.3		0.007	0.001L	0.03	0.21	0.004	0.190	1.50	160	3.	7.4
16 09 75 0900			.3		0.005	0.002	0.02	0.22	0.003	0.220	2.00	355	8.	7.7
17 10 75 0845			.3		0.005	0.002	0.01	0.21	0.003	0.350	1.80	260	9.	8.1
16 11 75 0950			.3		0.005	0.001	0.06	0.23	0.006	0.170	1.50	225	2.	7.5
14 12 75 0945			.3		0.006	0.003	0.04	0.22	0.004	0.040	1.60	90	2.	7.5
MAXIMUM					0.016	0.008	0.16	0.30	0.006	0.350	3.60	355	9.	8.1
AVG OR GEOM MN (*)					0.007	0.003D	0.05	0.23	0.004	0.130	1.84	154	3.	7.4
MINIMUM					0.001	0.001	0.01	0.18	0.002	0.010	1.00	61	1.	6.8
NO OF SAMPLES					12	12	12	12	12	12	12	12	10	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
11 01 75 0935			.3		32021									
07 02 75 0910			.3		32070	3.	10	22		0.25	10			
16 03 75 0950			.3		32137	7.	13	25		1.60	10			
13 04 75 0915			.3		32183	3.	19	38		0.50	20			
11 05 75 0945			.3		32232	4.	7	19		0.30	10			
02 06 75 0905			.3		32282									
06 07 75 0945			.3		32346									
12 08 75 0950			.3		32392	3.	34		59.	0.30	15			
16 09 75 0900			.3		32452	3.	73		122.	0.35	20			
17 10 75 0845			.3		32498	2.	53		96.	0.32	15			
16 11 75 0950			.3		32546	2.	22		48.	0.31	15			
14 12 75 0945			.3		32594	2.	15		37.	0.27	10			
MAXIMUM						7.	73	38	122.	1.60	20			
AVG OR GEOM MN (*)						3.	27	26	72.	0.47	14			
MINIMUM						2.	7	19	37.	0.25	10			
NO OF SAMPLES						9	9	4	5	9	9			

CONT'D

B.O.W./ SITE: ROBERTS CREEK
SAMPLE POINT: UPSTREAM FROM NATIONAL STEEL PUMPHOUSE SELLWOOD
STATION TYPE: RIVER

STATION ID: 14-0028-032-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO 32 LAT LONG U.T.M. 17 0497600.0 5187350.0 4 REGION 05 MILEAGE 149.90

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
11 01 75 0935			.3		15.									
07 02 75 0910			.3		6.									
16 03 75 0950			.3		15.									
13 04 75 0915			.3		23.	191.	11.		180					
11 05 75 0945			.3		15.	43.	3.		40					
02 06 75 0905			.3		19.									
06 07 75 0945			.3		20.	60.	2.		58					
12 08 75 0950			.3		32.	105.	3.	102						
16 09 75 0900			.3		95.	233.	2.		231					
17 10 75 0845			.3		65.	171.	2.		169					
16 11 75 0950			.3		32.	147.	1.		146					
14 12 75 0945			.3		25.	64.	5.		59					
MAXIMUM					95.	233.	11.	102	231					
AVG OR GEOM MN (*)					30.	126.	3.	102	126					
MINIMUM					6.	43.	1.	102	40					
NO OF SAMPLES					12	8	8	1	7					

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	203 TOTAL ALUMINUM MG/L	265 TOTAL ARSENIC MG/L	64 CALCIUM MG/L	72 TOTAL CALCIUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	272 SIMPLE CYANIDE MG/L	215 TOTAL CADMIUM MG/L	229 TOTAL LEAD MG/L
11 01 75 0935			.3		32021					0.05	0.05 L			0.03 L
07 02 75 0910			.3		32070									
16 03 75 0950			.3		32137					0.06 L	0.05 L			0.03 L
13 04 75 0915			.3		32183					0.05 L	0.05 L			0.03 L
11 05 75 0945			.3		32232					0.04 L	0.01 L			
02 06 75 0905			.3		32282					0.04 L	0.01 L			0.01 L
06 07 75 0945			.3		32346					0.020L	0.01 L			
12 08 75 0950			.3		32392					0.03 L	0.01 L			0.01 L
16 09 75 0900			.3		32452					0.030L	0.01 L			0.01 L
17 10 75 0845			.3		32498					0.030L				0.01 L
16 11 75 0950			.3		32546					0.020L	0.01 L			0.01 L
14 12 75 0945			.3		32594					0.02 L	0.01 L			0.01 L
MAXIMUM										0.06	0.05			0.03
AVG OR GEOM MN (*)										0.035D	0.02 D			0.02 D
MINIMUM										0.020	0.01			0.01
NO OF SAMPLES										11	10			9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	65 MAG NESIUM MG/L	74 TOT. MAG NESIUM MG/L	200 MANGNESE MN MG/L	235 TOTAL MERCURY UG/L	238 TOTAL NICKEL MG/L	249 TOTAL ZINC MG/L	217 TOTAL COBALT MG/L	218 BARIUM MG/L	219 SELENIUM MG/L	361 SOLVENT EXTRBLES MG/L
11 01 75 0935			.3						0.07 L	0.030L				
07 02 75 0910			.3				0.03							
16 03 75 0950			.3						0.07 L	0.050				
13 04 75 0915			.3						0.07 L	0.050L				
11 05 75 0945			.3						0.02 L	0.010				
02 06 75 0905			.3						0.02	0.010				
06 07 75 0945			.3						0.01 L	0.010				
12 08 75 0950			.3						0.02 L	0.010L				
16 09 75 0900			.3						0.02 L	0.010L				
17 10 75 0845			.3											
16 11 75 0950			.3						0.01 L	0.020				
14 12 75 0945			.3						0.01 L	0.010				
MAXIMUM							0.03		0.07	0.050				
AVG OR GEOM MN (*)							0.03		0.03 D	0.021D				
MINIMUM							0.03		0.01	0.010				
NO OF SAMPLES							1		10	10				

SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

B.O.W./ SITE: VERMILION RIVER
SAMPLE POINT: DOWLING 6 MILES WEST OF CHELMSFORD
STATION TYPE: RIVER

STATION ID: 14-0028-033-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO 33   LAT   LONG   U.T.M. 17 0475625.0 5157300.0 4   REGION 05   MILEAGE 95.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
10 01 75 1050			.3		32011	6 8						0.0	12.0	1.6
04 02 75 1145			.3		32060	6 8 4		40.	4.	1.		0.0	11.0	0.6
15 03 75 1130			.3		32127	4 6 8		1.	1.	1.		0.0	11.0	0.8
12 04 75 1030			.3		32173	6 8		1.	1.	1.		0.0	11.0	1.2
10 05 75 1130			.3		32222	6 8		12.	1.	1.		9.0	10.0	0.8
01 06 75 1145			.3		32272	6 8		92.	1.	20.		11.0	10.0	0.8
05 07 75 1135			.3		32336	6 8		24.	4.	1.		18.0	10.0	0.8
10 08 75 1050			.3		32382	6 8		4.	1.	4.		20.0	11.0	0.4
15 09 75 0945			.3		32442	6 8		96.	4.	1.		8.0	11.0	0.6
16 10 75 0955			.3		32488	6 8		248.	4.	20.		2.0	11.0	0.8
15 11 75 1040			.3		32536	6 8		12.	4.	1.		1.0	12.0	0.4
13 12 75 1115			.3		32584	6 8		32.	1.	1.		0.0	12.0	1.0
MAXIMUM								248.	4.	20.		20.0	12.0	1.6
AVG OR GEOM MN (*)								17.*	2.*	2.*		5.8	11.0	0.8
MINIMUM								1.	1.	1.		0.0	10.0	0.4
NO OF SAMPLES								11	11	11		12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
10 01 75 1050			.3		0.016	0.004	0.09	0.28	0.009	0.060	1.50	137	5.	7.6
04 02 75 1145			.3		0.006	0.004	0.20	0.36	0.008	0.040	1.40	140	5.	6.8
15 03 75 1130			.3		0.014	0.004	0.13	0.33	0.013	0.180	1.60	153	6.	6.9
12 04 75 1030			.3		0.011	0.003	0.09	0.28	0.013	0.160	2.30	170	9.	6.5
10 05 75 1130			.3		0.010	0.003	0.02	0.20	0.005	0.030	1.50	77	2.	6.8
01 06 75 1145			.3		0.011	0.004	0.04	0.65	0.008	0.030	1.50	92	2.	
05 07 75 1135			.3		0.018	0.001	0.01	0.27	0.007	0.060	1.10	102	3.	
10 08 75 1050			.3		0.007	0.002	0.02	0.23	0.005	0.100	1.10	185	8.	7.6
15 09 75 0945			.3		0.005	0.001	0.23	0.30	0.012	0.160	0.95	235	12.	6.8
16 10 75 0955			.3		0.011	0.001	0.08	0.32	0.010	0.240	1.00	215	12.	7.5
15 11 75 1040			.3		0.010	0.004	0.04	0.26	0.007	0.120	2.30	175	7.	7.1
13 12 75 1115			.3		0.012	0.002	0.04	0.26	0.006	0.080	1.50	130	5.	7.0
MAXIMUM					0.018	0.004	0.23	0.65	0.013	0.240	2.30	235	12.	7.6
AVG OR GEOM MN (*)					0.011	0.003	0.08	0.31	0.009	0.105	1.48	151	6.	7.1
MINIMUM					0.005	0.001	0.01	0.20	0.005	0.030	0.95	77	2.	6.5
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
10 01 75 1050			.3		32011	5.	17	48		0.35	15			
04 02 75 1145			.3		32060	6.	14	51		0.35	10			
15 03 75 1130			.3		32127	15.	17	53		0.65	10			
12 04 75 1030			.3		32173	8.	18	60		0.45	25			
10 05 75 1130			.3		32222	10.	9	32		0.30	70G			
01 06 75 1145			.3		32272									
05 07 75 1135			.3		32336									
10 08 75 1050			.3		32382	2.	22		72.	0.20	20			
15 09 75 0945			.3		32442	5.	6		87.	0.42	5L			
16 10 75 0955			.3		32488	3.	229		85.	0.33	15			
15 11 75 1040			.3		32536	2.	21		65.	0.28	10			
13 12 75 1115			.3		32584	3.	15		46.	0.20	15			
MAXIMUM						15.	229	60	87.	0.65	70			
AVG OR GEOM MN (*)						5.	37	49	71.	0.35	20E			
MINIMUM						2.	6	32	46.	0.20	5			
NO OF SAMPLES						10	10	5	5	10	10			

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B.O.W./ SITE: VERMILION RIVER                                                                   STATION ID:  14-0028-033-02
SAMPLE POINT: DOWLING 6 MILES WEST OF CHELMSFORD
STATION TYPE: RIVER                                     MAJOR BASIN: GREAT LAKES                                      STORET CODE: 02
                                                        MINOR BASIN: LAKE HURON                                                    002
                                                        TERM STREAM: SPANISH RIVER                                                 7950

STN NO    33       LAT               LONG                 U.T.M. 17 0475625.0 5157300.0 4    REGION 05                MILEAGE   95.80

                                        59         5         6         7       107        67        66        45        47        41
SAMP DTE HOUR  STN  STN SAMP  PJ  SULPHATE     TOTAL     SUSP.     DISS.     DISS.   PTSSIUM    SODIUM     TOT C   ORGANIC       COD
DY MO YR LMT   DIST BRG DEPTH                 SOLIDS    SOLIDS    SOLIDS    SOLIDS         K        NA      AS C    C AS C
               FEET      MTRS         MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

10 01 75 1050              .3        34.      105.       15. L                  90
04 02 75 1145              .3        38.      120.       15. L       105
15 03 75 1130              .3        42.      101.        2.                    99
12 04 75 1030              .3        41.      114.        3.                   111
10 05 75 1130              .3        20.       53.        3.                    50
01 06 75 1145              .3       250.       61.        2.                    59
05 07 75 1135              .3        25.       99.        3.                    66
10 08 75 1050              .3        50.                  2.
15 09 75 0945              .3        85.      156.        3.                   153
16 10 75 0955              .3                 142.        2.                   140
15 11 75 1040              .3        44.      118.        4.                   114
13 12 75 1115              .3        34.       86.        1.                    85


                      MAXIMUM       250.      156.       15.         105       153
           AVG OR GEOM MN (*)        60.      105.        4. D       105        97
                      MINIMUM        20.       53.        1.         105        50

                NO OF SAMPLES         11        11        12           1        10


                                       934       203       265        64        72       221       225       272       215       229
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE     TOTAL     TOTAL               TOTAL     TOTAL     TOTAL    SIMPLE     TOTAL     TOTAL
DY MO YR LMT   DIST BRG DEPTH           NO  ALUMINUM   ARSENIC   CALCIUM   CALCIUM  CHROMIUM    COPPER   CYANIDE   CADMIUM      LEAD
               FEET      MTRS                   MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

10 01 75 1050              .3        32011                                          0.04 L    0.05 L                        0.03 L
04 02 75 1145              .3        32060              0.01 L
15 03 75 1130              .3        32127                                          0.06 L    0.05 L                        0.03 L
12 04 75 1030              .3        32173                                          0.03 L    0.03 L                        0.01 L
10 05 75 1130              .3        32222                                          0.04 L    0.01 L                        0.01 L
01 06 75 1145              .3        32272                                          0.04 L    0.01 L                        0.01 L
05 07 75 1135              .3        32336                                          0.020L    0.01                          0.01 L
10 08 75 1050              .3        32382                                          0.030L    0.03                          0.01 L
15 09 75 0945              .3        32442                                          0.030L    0.02                          0.01 L
16 10 75 0955              .3        32488                                          0.010L                                  0.01 L
15 11 75 1040              .3        32536                                          0.020L    0.01                          0.01 L


                      MAXIMUM                           0.01                        0.06      0.05                          0.03
           AVG OR GEOM MN (*)                           0.01 D                      0.032D    0.02 D                        0.01 D
                      MINIMUM                           0.01                        0.010     0.01                          0.01

                NO OF SAMPLES                              1                          10         9                            10

                                        65        74       200       235       238       249       217       218       219       361
SAMP DTE HOUR  STN  STN SAMP  PJ       MAG  TOT. MAG  MANGNESE     TOTAL     TOTAL     TOTAL     TOTAL    BARIUM  SELENIUM   SOLVENT
DY MO YR LMT   DIST BRG DEPTH       NESIUM    NESIUM        MN   MERCURY    NICKEL      ZINC    COBALT      MG/L      MG/L  EXTRBLES
               FEET      MTRS         MG/L      MG/L      MG/L      UG/L      MG/L      MG/L      MG/L                          MG/L

10 01 75 1050              .3                                                 0.08      0.030L
04 02 75 1145              .3                           0.06
15 03 75 1130              .3                                                 0.10      0.050L
12 04 75 1030              .3                                                 0.11      0.060
10 05 75 1130              .3                                                 0.03      0.010L
01 06 75 1145              .3                                                 0.05      0.010L
05 07 75 1135              .3                                                 0.04      0.010L
10 08 75 1050              .3                                                 0.06      0.010L
15 09 75 0945              .3                                                 0.19      0.010L
16 10 75 0955              .3
15 11 75 1040              .3                                                 0.07      0.020


                      MAXIMUM                           0.06                  0.19      0.060
           AVG OR GEOM MN (*)                           0.06                  0.08      0.023D
                      MINIMUM                           0.06                  0.03      0.010

                NO OF SAMPLES                              1                     9         9
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SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: JUNCTION CREEK
SAMPLE POINT: END OF MC CHARLES LAKE ROAD
STATION TYPE: RIVER

STATION ID: 14-0028-034-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO 34 LAT LONG U.T.M. 17 0480550.0 5135950.0 4 REGION 05 MILEAGE 68.60

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
31 05 75 1230			.3		32265	6 8 9		108.	1.	1.		12.0	8.0	3.8
04 07 75 1345			.3		32329	6 8 9		90.	1.	1.		20.0	9.0	4.0
09 08 75 1225			.3		32375	6 8		60.	44.	1.		20.0	9.0	1.2
05 09 75 1240			.3		32437	6 8 9		20.	16.	1.		12.0	9.0	6.6
06 10 75 1230			.3		32483	6 8 9		31.	11.	44.		5.0	9.0	4.6
07 11 75 1300			.3		32529	6 8 9		20.	1.	4.		2.0	9.0	1.6
07 12 75 1300			.3		32577	4 6 8						0.0	9.0	1.0
MAXIMUM								108.	44.	44.		20.0	9.0	6.6
AVG OR GEOM MN (*)								44.*	4.*	2.*		10.1	8.9	3.3
MINIMUM								20.	1.	1.		0.0	8.0	1.0
NO OF SAMPLES								6	6	6		7	7	7

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
31 05 75 1230			.3		0.065	0.006	6.80	8.60	0.130	1.300	3.00	800	49.	
04 07 75 1345			.3		0.037	0.001	5.00	8.50	0.250	1.400	3.10	910		
09 08 75 1225			.3		0.036	0.003	2.40	4.10	0.100	1.700	2.40	630	39.	6.5
05 09 75 1240			.3		0.050	0.003	1.90	3.30	0.140	1.400	2.40	600	35.	7.1
06 10 75 1230			.3		0.036	0.003	2.20	3.00	0.140	0.990	1.70	650	36.	7.2
07 11 75 1300			.3		0.025	0.005	1.00	1.80	0.069	0.590	1.60	430	22.	6.7
07 12 75 1300			.3		0.021	0.002	0.27	0.83	0.007	0.260	1.60	55	5.	6.5
MAXIMUM					0.065	0.006	6.80	8.60	0.250	1.700	3.10	910	49.	7.2
AVG OR GEOM MN (*)					0.039	0.003	2.80	4.30	0.119	1.091	2.26	582	31.	6.8
MINIMUM					0.021	0.001	0.27	0.83	0.007	0.260	1.60	55	5.	6.5
NO OF SAMPLES					7	7	7	7	7	7	7	7	6	5

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
31 05 75 1230			.3		32265									
04 07 75 1345			.3		32329									
09 08 75 1225			.3		32375	3.	0		209.	0.30	20			
05 09 75 1240			.3		32437	2.	8		154.	0.52	10			
06 10 75 1230			.3		32483	2.	15		201.	0.17	25			
07 11 75 1300			.3		32529	6.	34		149.	0.08	10			
07 12 75 1300			.3		32577	8.	14		68.	0.56	30			
MAXIMUM						9.	34		209.	0.56	30			
AVG OR GEOM MN (*)						4.	14		156.	0.33	19			
MINIMUM						2.	0		68.	0.08	10			
NO OF SAMPLES						5	5		5	5	5			

CONT'D

B.O.W./ SITE: JUNCTION CREEK
SAMPLE POINT: END OF MC CHARLES LAKE ROAD
STATION TYPE: RIVER

STATION ID: 14-0028-034-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO 34 LAT LONG U.T.M. 17 0480550.0 5135950.0 4 REGION 05 MILEAGE 68.60

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
31 05 75	1230			.3		300.	640.	24.	616						
04 07 75	1345			.3		360.	646.	14.	632						
09 08 75	1225			.3		250.	460.	11.	449						
05 09 75	1240			.3		250.	338.	12.	326						
06 10 75	1230			.3		240.	458.	7.	451						
07 11 75	1300			.3			303.	2.	301						
07 12 75	1300			.3		50.	40.	4.		36					
MAXIMUM						360.	646.	24.	632	36					
AVG OR GEOM MN (*)						241.	412.	10.	463	36					
MINIMUM						50.	40.	2.	301	36					
NO OF SAMPLES						6	7	7	6	1					

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	203 TOTAL ALUMINUM MG/L	265 TOTAL ARSENIC MG/L	64 CALCIUM MG/L	72 TOTAL CALCIUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	272 SIMPLE CYANIDE MG/L	215 TOTAL CADMIUM MG/L	229 TOTAL LEAD MG/L
31 05 75	1230			.3		32265					0.04 L	0.08			0.02
04 07 75	1345			.3		32329					0.040L	0.05			0.08
09 08 75	1225			.3		32375					0.030L	0.03			0.01 L
05 09 75	1240			.3		32437					0.180	0.09			0.05 L
06 10 75	1230			.3		32483					0.030	0.03			0.01 L
07 11 75	1300			.3		32529					0.030	0.02			0.01 L
07 12 75	1300			.3		32577					0.02 L	0.12			0.01 L
MAXIMUM											0.180	0.12			0.08
AVG OR GEOM MN (*)											0.053D	0.06			0.03 D
MINIMUM											0.02	0.02			0.01
NO OF SAMPLES											7	7			7

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	65 MAG NESIUM MG/L	74 TOT. MAG NESIUM MG/L	200 MANGNESE MN MG/L	235 TOTAL MERCURY UG/L	238 TOTAL NICKEL MG/L	249 TOTAL ZINC MG/L	217 TOTAL COBALT MG/L	218 BARIUM MG/L	219 SELENIUM MG/L	361 SOLVENT EXTRBLES MG/L
31 05 75	1230			.3						1.20	0.020				
04 07 75	1345			.3						0.93	0.050				
09 08 75	1225			.3						0.05	0.010L				
05 09 75	1240			.3						0.57	0.060				
06 10 75	1230			.3						0.55	0.020				
07 11 75	1300			.3						1.30	0.020				
07 12 75	1300			.3						2.20	0.020				
MAXIMUM										2.20	0.060				
AVG OR GEOM MN (*)										0.97	0.029D				
MINIMUM										0.05	0.010				
NO OF SAMPLES										7	7				

SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: FINLAND CREEK
SAMPLE POINT: UPSTREAM FROM CONFLUENCE WITH COPPER CLIFF CREEK
STATION TYPE: RIVER

STATION ID: 14-0028-035-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO 35 LAT LONG U.T.M. 17 0494900.0 5146500.0 4 REGION 05 MILEAGE 82.40

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
10 01 75	1330			.3		32016	6 9 0						0.0	8.0	27.0
04 02 75	1415			.3		32065	6 9 0		40.	1.	1.		0.0	7.0	40.0
15 03 75	1400			.3		32132	6 9 0		1.	1.	1.		2.0	7.0	13.0
12 04 75	1300			.3		32178	6 9 0		4.	1.	1.		2.0	6.0	35.0
10 05 75	1400			.3		32227	6 9 0		1.	1.	1.		11.0	6.0	6.0
01 06 75	1415			.3		32277	6 9 0		20.	1.	1.		12.0	7.0	10.0
05 07 75	1415			.3		32341	6 9 0		32.	1.	1.		20.0	7.0	9.5
10 08 75	1325			.3		32387	6 9 0		1.	1.	1.		22.0	6.0	2.2
15 09 75	1230			.3		32447	6 9 0		96.	4.	20.		10.0	6.0	4.8
16 10 75	1250			.3		32493	6 9 0		16.	1.	1.		3.0	6.0	8.0
15 11 75	1330			.3		32541	6 9 0		30.	10. L	100. L		2.0	8.0	12.0
13 12 75	1400			.3		32589	6 8		100. L	1.	20.		0.0	9.0	30.0
MAXIMUM									100.	10.	100.		22.0	9.0	40.0
AVG OR GEOM MN (*)									12.* D	1.* D	3.* D		7.0	6.9	16.5
MINIMUM									1.	1.	1.		0.0	6.0	2.2
NO OF SAMPLES									11	11	11		12	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
10 01 75	1330			.3		0.040	0.002	43.00	55.00	0.044	0.240	1.60	2750	140.	8.0
04 02 75	1415			.3		0.010	0.001	0.15	63.00	0.049	0.080	6.80	2850	136.	6.8
15 03 75	1400			.3		0.032	0.004	54.00	66.00	0.050	0.320	6.00	2750	172.	8.5
12 04 75	1300			.3		0.170	0.003	35.00	39.00	0.037	0.130	73.00	2150	126.	7.3
10 05 75	1400			.3		0.055	0.001	35.00	38.00	0.056	0.360	9.60	2400	140.	7.1
01 06 75	1415			.3		0.019	0.001	35.00	42.00	0.550	1.800	20.00	2400	65.	
05 07 75	1415			.3		0.042	0.002	30.00	45.00	0.190	0.490	5.20	2650	100.	
10 08 75	1325			.3		0.014	0.001	33.00	34.00	0.001	2.400	8.70	2950	130.	
15 09 75	1230			.3		0.024	0.001	60.00	72.00	0.480	3.000	8.00	3100	110.	5.7
16 10 75	1250			.3		0.050	0.004	41.00	44.00	0.600	3.800	18.00	2950	125.	6.6
15 11 75	1330			.3		0.370	0.002	40.00	48.00	0.550	7.700	22.00	3000	128.	4.7
13 12 75	1400			.3		0.075	0.001	46.00	50.00	0.320	0.090	40.00	2950	175.	6.7
MAXIMUM						0.370	0.004	60.00	72.00	0.600	7.700	73.00	3100	175.	8.5
AVG OR GEOM MN (*)						0.075	0.002	37.68	49.67	0.244	1.701	18.24	2742	128.	6.8
MINIMUM						0.010	0.001	0.15	34.00	0.001	0.080	1.60	2150	65.	4.7
NO OF SAMPLES						12	12	12	12	12	12	12	12	12	9

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
10 01 75	1330			.3		32016	3.	46	980		8.50	5L			
04 02 75	1415			.3		32065	0.	40	970		1.40	10			
15 03 75	1400			.3		32132	0.	52	890		1.80	5			
12 04 75	1300			.3		32178	3.	28	660		9.50	15			
10 05 75	1400			.3		32227	13.	42	812		2.20	15			
01 06 75	1415			.3		32277									
05 07 75	1415			.3		32341									
10 08 75	1325			.3		32387	67.	0		1165.	14.00	15			
15 09 75	1230			.3		32447	28.	15		897.	3.70	15			
16 10 75	1250			.3		32493	13.	227		1060.	4.60	40			
15 11 75	1330			.3		32541	18.	19		1170.	4.20	30			
13 12 75	1400			.3		32589	13.	25		443.	4.50	30			
MAXIMUM							67.	227	980	1170.	14.00	40			
AVG OR GEOM MN (*)							15.	49	862	947.	5.44	18D			
MINIMUM							0.	0	660	443.	1.40	5			
NO OF SAMPLES							10	10	5	5	10	10			

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 B.O.W./ SITE: FINLAND CREEK                                                                    STATION ID:  14-0028-035-02
 SAMPLE POINT: UPSTREAM FROM CONFLUENCE WITH COPPER CLIFF CREEK
 STATION TYPE: RIVER                                    MAJOR BASIN: GREAT LAKES                               STORET CODE: 02
                                                        MINOR BASIN: LAKE HURON                                             002
                                                        TERM STREAM: SPANISH RIVER                                          7950

STN NO    35      LAT               LONG                 U.T.M. 17 0494900.0 5146500.0 4     REGION 05             MILEAGE   82.40

                                        59         5       6         7       107        67        66        45        47         41
SAMP DTE HOUR  STN  STN SAMP  PJ  SULPHATE     TOTAL     SUSP.     DISS.     DISS.   PTSSIUM    SODIUM     TOT C   ORGANIC       COD
DY MO YR LMT   DIST BRG DEPTH                 SOLIDS    SOLIDS    SOLIDS    SOLIDS         K        NA      AS C    C AS C
               FEET      MTRS         MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

10 01 75 1330              .3        1000.     2430.       50.     2380
04 02 75 1415              .3        1100.     2510.       15. L   2495
15 03 75 1400              .3        1075.     2320.       18.     2302
12 04 75 1300              .3         900.     1800.      236.     1564
10 05 75 1400              .3        1175.     1800.       23.     1777
01 06 75 1415              .3         260.     2260.        9.     2251
05 07 75 1415              .3          30.     2286.        9.     2277
10 08 75 1325              .3          70.                 37.
15 09 75 1230              .3        1900.     2595.       23.     2572
16 10 75 1250              .3                  2640.       84.     2556
15 11 75 1330              .3        1750.                 33.
13 12 75 1400              .3                  2589.       57.     2532


                      MAXIMUM        1900.     2640.      236.     2572
           AVG OR GEOM MN (*)         926.     2323.       49. D   2271
                      MINIMUM          30.     1800.        9.     1564

                NO OF SAMPLES          10        10        12        10


                                     934       203       265        64        72      221       225       272       215       229
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE     TOTAL     TOTAL               TOTAL     TOTAL     TOTAL    SIMPLE     TOTAL     TOTAL
DY MO YR LMT   DIST BRG DEPTH           NO  ALUMINUM   ARSENIC   CALCIUM   CALCIUM  CHROMIUM    COPPER   CYANIDE   CADMIUM      LEAD
               FEET      MTRS                   MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

10 01 75 1330              .3       32016                                             0.04 L    0.11                          0.06
04 02 75 1415              .3       32065              0.01 L
15 03 75 1400              .3       32132                                             0.06 L    0.11                          0.08
12 04 75 1300              .3       32178                                             0.03 L    0.16                          0.06
10 05 75 1400              .3       32227                                             0.04 L    0.17                          0.03
01 06 75 1415              .3       32277                                             0.04 L    0.05                          0.05
05 07 75 1415              .3       32341                                             0.020L    0.06                          0.04
10 08 75 1325              .3       32387                                             0.030L    0.23                          0.01 L
15 09 75 1230              .3       32447                                             0.030L    0.10                          0.01 L
16 10 75 1250              .3       32493                                             0.030L                                  0.01 L


                      MAXIMUM                          0.01                          0.06      0.23                          0.08
           AVG OR GEOM MN (*)                          0.01 D                        0.036D    0.12                          0.04 D
                      MINIMUM                          0.01                          0.020     0.05                          0.01

                NO OF SAMPLES                              1                             9         8                             9


                                      65        74      200       235       238       249       217       218       219       361
SAMP DTE HOUR  STN  STN SAMP  PJ       MAG  TOT. MAG  MANGNESE     TOTAL     TOTAL     TOTAL     TOTAL    BARIUM  SELENIUM   SOLVENT
DY MO YR LMT   DIST BRG DEPTH       NESIUM    NESIUM        MN   MERCURY    NICKEL      ZINC    COBALT      MG/L      MG/L  EXTRBLES
               FEET      MTRS         MG/L      MG/L      MG/L      UG/L      MG/L      MG/L      MG/L                          MG/L

10 01 75 1330              .3                                               2.40      0.060
04 02 75 1415              .3                          0.19
15 03 75 1400              .3                                               0.91      0.050L
12 04 75 1300              .3                                               0.49      0.030
10 05 75 1400              .3                                               1.10      0.010L
01 06 75 1415              .3                                               1.10      0.010L
05 07 75 1415              .3                                               0.91      0.010L
10 08 75 1325              .3                                               2.80      0.030
15 09 75 1230              .3                                               2.20      0.040
16 10 75 1250              .3


                      MAXIMUM                          0.19                 2.80      0.060
           AVG OR GEOM MN (*)                          0.19                 1.49      0.030D
                      MINIMUM                          0.19                 0.49      0.010

                NO OF SAMPLES                              1                   8         8
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SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: SPANISH RIVER
SAMPLE POINT: AT BRIDGE SOUTH OF THE TOWN OF MASSEY
STATION TYPE: RIVER

STATION ID: 14-0028-038-83

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO 38 LAT LONG U.T.M. 17 0417750.0 5117450.0 4 REGION 05 MILEAGE 18.70

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
06 01 75 1410			.3		28007			400.	112.	36.		0.0	8.5	0.8
27 01 75 1445			.3		28034	4		430.	64.	32.		0.0	13.0	1.8
17 02 75 1445			.3		28056	4		210.	32.	8.		0.0	3.0	2.6
09 03 75 1340			.3		28075	4		80.	68.	4.		0.0	5.0	2.2
31 03 75 1530			.3		28102			172.	60.	20.		0.0	10.0	1.8
21 04 75 1300			.3		28124	9 3		204.	24.	12.		0.5	14.5	1.1
12 05 75 1200			.3		28143	9 3		656.	12.	12.		8.0	11.0	1.2
01 06 75 1320			.3		28167	3 9		70000.	1180.	1.		16.0	8.0	4.4
22 06 75 1415			.3		28195	3 9						19.0	9.0	2.0
14 07 75 1415			.3		28208			12000.	800.	10. L		21.0	6.5	2.6
04 08 75 1230			.3		28229			5000.	1000.	10. L		24.0	6.0	2.8
24 08 75 1830			.3		28248			12000.	400.	4.		22.0	4.0	2.8
15 09 75 1150			.3		28269	9 0		23000.	500.	10. L		24.0	6.0	4.0
06 10 75 1345			.3		28294			16000.	3400.	10. L		13.5	7.0	1.2
27 10 75 1045			.3		28316			23000.	500.	8.		10.0	9.0	0.8
17 11 75 1040			.3		28335			1320.	312.	20.		6.5	11.0	2.4
01 12 75 1420			.3		28359							2.0	10.0	1.8
22 12 75 1610			.3		28381	4						0.0	13.0	0.8
MAXIMUM								70000.	3400.	36.		24.0	14.5	4.4
AVG OR GEOM MN (*)								2018.*	197.*	10.* D		9.3	8.6	2.1
MINIMUM								80.	12.	1.		0.0	3.0	0.8
NO OF SAMPLES								15	15	15		18	18	18

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
06 01 75 1410			.3		0.110	0.083	0.27	0.72	0.005	0.070	2.00	135	8.	7.1
27 01 75 1445			.3		0.017	0.008	0.20	0.46	0.004	0.160	3.30	123	7.	7.1
17 02 75 1445			.3		0.017	0.008	0.17	0.46	0.003	0.160	2.10	98	6.	7.0
09 03 75 1340			.3		0.012	0.005	0.18	0.45	0.004	0.170	1.60	105	6.	7.0
31 03 75 1530			.3		0.028	0.004	0.26	0.54	0.005	0.220	2.70	75	8.	7.0
21 04 75 1300			.3		0.040	0.004	0.48	0.86	0.004	0.380	8.00	128	6.	6.7
12 05 75 1200			.3		0.037	0.001	0.01	0.46	0.005	0.050	2.30	68	3.	6.8
01 06 75 1320			.3		0.061	0.003	0.02	0.64	0.005	0.010L	2.50	84	6.	6.8
22 06 75 1415			.3		0.066	0.007	0.05	0.46	0.010	0.090	1.40	74	3.	6.5
14 07 75 1415			.3		0.164	0.070	0.06	0.54	0.004	0.030	1.70	140	7.	6.8
04 08 75 1230			.3		0.018	0.001	0.03	0.66	0.008	0.040	1.50	93	8.	
24 08 75 1830			.3		0.018	0.002	0.01 L	0.50	0.007	0.040	1.40	96	8.	7.3
15 09 75 1150			.3		0.011	0.002	0.01 L	0.34	0.009	0.010	0.95	115	13.	6.7
06 10 75 1345			.3		0.018	0.001	0.01 L	0.32	0.005	0.090	1.40	105	2.	7.3
27 10 75 1045			.3		0.021	0.001	0.01 L	0.35	0.004	0.150	1.20	86	2.	7.0
17 11 75 1040			.3		0.019	0.002	0.01 L	0.41	0.005	0.150	1.50	85	2.	7.1
01 12 75 1420			.3		0.030	0.002	0.04	0.52	0.011	0.250	20.00	105	4.	6.4
22 12 75 1610			.3		0.013	0.001	0.23	0.58	0.004	0.190	1.90	110	4.	6.5
MAXIMUM					0.164	0.083	0.48	0.86	0.011	0.380	20.00	140	13.	7.3
AVG OR GEOM MN (*)					0.039	0.011	0.11 D	0.52	0.006	0.126D	3.19	101	5.	6.9
MINIMUM					0.011	0.001	0.01	0.32	0.003	0.010	0.95	68	2.	6.4
NO OF SAMPLES					18	18	18	18	18	18	18	18	18	17

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
06 01 75 1410			.3		28007		19					12.		2.05
27 01 75 1445			.3		28034		14					5.		0.56
17 02 75 1445			.3		28056		12					5.		2.50
09 03 75 1340			.3		28075		14					4.		2.40
31 03 75 1530			.3		28102		16					4.		2.50
21 04 75 1300			.3		28124		14					1.		2.70
12 05 75 1200			.3		28143		9							2.20
01 06 75 1320			.3		28167		1L					1.		2.30
22 06 75 1415			.3		28195		10					3.		2.00
14 07 75 1415			.3		28208		17					15.		1.80
04 08 75 1230			.3		28229		11					1.		2.10
24 08 75 1830			.3		28248		14					1. L		2.10
15 09 75 1150			.3		28269		15					2.		2.20
06 10 75 1345			.3		28294		19					1.		2.10
27 10 75 1045			.3		28316		15					1. L		2.20
17 11 75 1040			.3		28335		13					1. L		2.20
01 12 75 1420			.3		28359		15					0.1L		2.10
22 12 75 1610			.3		28381		13					0.1L		2.45
MAXIMUM							19					15.		2.70
AVG OR GEOM MN (*)							13D					3.4D		2.14
MINIMUM							1					0.1		0.56
NO OF SAMPLES							18					17		18

CONT'D

B.O.W./ SITE: SPANISH RIVER
SAMPLE POINT: AT BRIDGE SOUTH OF THE TOWN OF MASSEY
STATION TYPE: RIVER

STATION ID: 14-0028-038-83

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO 38 LAT LONG U.T.M. 17 0417750.0 5117450.0 4 REGION 05 MILEAGE 18.70

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
06 01 75 1410			.3			100.	15. L		85					
27 01 75 1445			.3			95.	15. L		80					
17 02 75 1445			.3			80.	3.	77						
09 03 75 1340			.3			80.	3.	77						
31 03 75 1530			.3			53.	5.		48					
21 04 75 1300			.3			127.	44.		83					
12 05 75 1200			.3			51.	7.		44					
01 06 75 1320			.3			64.	9.		55					
22 06 75 1415			.3			55.	6.		49					
14 07 75 1415			.3			98.	7.		91					
04 08 75 1230			.3			66.	6.		60					
24 08 75 1830			.3			66.	4.		62					
15 09 75 1150			.3			80.	5.		75					
06 10 75 1345			.3			73.	5.		68					
27 10 75 1045			.3			61.	5.		56					
17 11 75 1040			.3			63.	8.		55					
01 12 75 1420			.3			100.	32.		68					
22 12 75 1610			.3			75.	3.		72					
MAXIMUM						127.	44.	77	91					
AVG OR GEOM MN (*)						77.	10. D	77	66					
MINIMUM						51.	3.	77	44					
NO OF SAMPLES						18	18	2	16					

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	203 TOTAL ALUMINUM MG/L	265 TOTAL ARSENIC MG/L	64 CALCIUM MG/L	72 TOTAL CALCIUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	272 SIMPLE CYANIDE MG/L	215 TOTAL CADMIUM MG/L	229 TOTAL LEAD MG/L
06 01 75 1410			.3		28007			12.0						
27 01 75 1445			.3		28034			11.0						
17 02 75 1445			.3		28056			9.0						
09 03 75 1340			.3		28075			9.0						
31 03 75 1530			.3		28102			12.0						
21 04 75 1300			.3		28124			13.0						
12 05 75 1200			.3		28143			7.0						
01 06 75 1320			.3		28167			8.0						
22 06 75 1415			.3		28195			8.0						
14 07 75 1415			.3		28208			10.0						
04 08 75 1230			.3		28229				7.6					
24 08 75 1830			.3		28248				8.0					
15 09 75 1150			.3		28269				7.9					
06 10 75 1345			.3		28294				9.0					
27 10 75 1045			.3		28316				8.0					
17 11 75 1040			.3		28335				8.7					
01 12 75 1420			.3		28359				10.0					
22 12 75 1610			.3		28381				10.0					
MAXIMUM								13.0	10.0					
AVG OR GEOM MN (*)								9.9	8.7					
MINIMUM								7.0	7.6					
NO OF SAMPLES								10	8					

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	65 MAG NESIUM MG/L	74 TOT. MAG NESIUM MG/L	200 MANGNESE MN MG/L	235 TOTAL MERCURY UG/L	238 TOTAL NICKEL MG/L	249 TOTAL ZINC MG/L	217 TOTAL COBALT MG/L	218 BARIUM MG/L	219 SELENIUM MG/L	361 SOLVENT EXTRBLES MG/L
06 01 75 1410			.3				0.04							
27 01 75 1445			.3				0.05							
17 02 75 1445			.3				0.04							
09 03 75 1340			.3				0.05							
31 03 75 1530			.3				0.06							
21 04 75 1300			.3				0.10							
12 05 75 1200			.3				0.04							
01 06 75 1320			.3				0.05							
22 06 75 1415			.3				0.04 L							
14 07 75 1415			.3				0.06							
04 08 75 1230			.3				0.06							
24 08 75 1830			.3				0.06							
15 09 75 1150			.3				0.06							
06 10 75 1345			.3				0.04							
27 10 75 1045			.3				0.05							
17 11 75 1040			.3				0.04							
01 12 75 1420			.3				0.08							
22 12 75 1610			.3				0.03							
MAXIMUM							0.10							
AVG OR GEOM MN (*)							0.05 D							
MINIMUM							0.03							
NO OF SAMPLES							18							

SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

B.O.W./ SITE: VERMILION RIVER
SAMPLE POINT: AT BELFOUR MORGAN TOWNSHIP LINE
STATION TYPE: RIVER

STATION ID: 14-0028-039-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: SPANISH RIVER

STORET CODE: 02
002
7950

STN NO   39   LAT   LONG   U.T.M. 17 0481690.0 5163725.0 4   REGION 05   MILEAGE 103.60

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
10 01 75 1120			.3		32012	6 8						0.0	11.0	1.6
04 02 75 1215			.3		32061	6 8 4		48.	1.	4.		0.0	11.0	0.6
15 03 75 1150			.3		32128	4 6 8		4.	1.	1.		0.0	10.0	0.6
12 04 75 1050			.3		32174	6 8		1.	1.	1.		0.0	10.0	0.6
10 05 75 1150			.3		32223	6 8		8.	1.	1.		9.0	11.0	0.6
01 06 75 1205			.3		32273	6 8		36.		32.		11.0	11.0	0.8
05 07 75 1155			.3		32337	6 8		600. G	4.	1.		18.0	10.0	0.4
10 08 75 1120			.3		32383	6 8		200.	20.	1.		20.0	10.0	0.4
15 09 75 1015			.3		32443	6 8		30.	1.	1.		8.0	10.0	0.8
16 10 75 1030			.3		32489	6 8		340.	4.	16.		2.0	10.0	0.6
15 11 75 1100			.3		32537	6 8		20.	1.	1.		1.0	11.0	0.2
13 12 75 1130			.3		32585	6 8		12.	1.	1.		0.0	11.0	0.4
MAXIMUM								600.	20.	32.		20.0	11.0	1.6
AVG OR GEOM MN (*)								30.* U	2.*	2.*		5.8	10.5	0.6
MINIMUM								1.	1.	1.		0.0	10.0	0.2
NO OF SAMPLES								11	10	11		12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
10 01 75 1120			.3		0.016	0.003	0.08	0.36	0.009	0.020	1.30	132	5.	
04 02 75 1215			.3		0.008	0.003	0.15	0.37	0.009	0.020	1.30	140	5.	
15 03 75 1150			.3		0.013	0.006	0.15	0.34	0.022	0.170	1.60	161	6.	
12 04 75 1050			.3		0.009	0.001	0.10	0.27	0.010	0.170	1.80	156	8.	
10 05 75 1150			.3		0.014	0.004	0.02	0.20	0.008	0.050	1.90	76	2.	
01 06 75 1205			.3		0.009	0.001	0.08	1.10	0.006	0.010	1.40	96	3.	
05 07 75 1155			.3		0.015	0.001	0.08	0.98	0.008	0.040	1.30	104	3.	
10 08 75 1120			.3		0.010	0.001	0.04	0.19	0.005	0.110	1.10	200	8.	
15 09 75 1015			.3		0.006	0.002	0.02	0.25	0.009	0.260	0.90	235	12.	
16 10 75 1030			.3		0.009	0.001	0.17	0.30	0.011	0.200	1.10	290	12.	
15 11 75 1100			.3		0.008	0.001	0.04	0.23	0.005	0.100	2.00	160	7.	
13 12 75 1130			.3		0.013	0.003	0.06	0.46	0.009	0.030	1.50	170	5.	
MAXIMUM					0.016	0.006	0.17	1.10	0.022	0.260	2.00	290	12.	
AVG OR GEOM MN (*)					0.011	0.002	0.08	0.42	0.009	0.098	1.43	160	6.	
MINIMUM					0.006	0.001	0.02	0.19	0.005	0.010	0.90	76	2.	
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
04 02 75 1215			.3			100.	15. L	85						
15 03 75 1150			.3			107.	2.		105					
12 04 75 1050			.3			103.	2.		101					
10 05 75 1150			.3			52.	3.		49					
01 06 75 1205			.3			64.	2.		62					
05 07 75 1155			.3			70.	3.		67					
10 08 75 1120			.3			135.	3.	132						
15 09 75 1015			.3			155.	2.		153					
16 10 75 1030			.3			155.	2.		153					
15 11 75 1100			.3			109.	5.		104					
13 12 75 1130			.3			113.	2.		111					
MAXIMUM						155.	15.	132	153					
AVG OR GEOM MN (*)						105.	3. D	109	101					
MINIMUM						52.	2.	85	49					
NO OF SAMPLES						11	11	2	9					

SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: WHITEFISH RIVER
SAMPLE POINT: HIGHWAY 68 WHITEFISH FALLS
STATION TYPE: RIVER

STATION ID: 14-0035-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: WHITEFISH RIVER

STORET CODE: 02
002
7880

STN NO 1 LAT LONG U.T.M. 17 0443600.0 5106550.0 4 REGION 05 MILEAGE 0.40

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
05 01 75				.3		32001			2590.	10. L					0.4
06 01 75	1515			.3		28008			20.	1.	1.		0.0	12.5	0.4
27 01 75	1540			.3		28035			16.	1.	1.		0.0	13.0	0.4
03 02 75	0945			.3		32050	6 8		2600.	10. L	10. L		0.0	11.0	0.8
17 02 75	1530			.3		28057			1.	1.	1.		0.0	13.0	1.4
08 03 75	1045			.3		32099	6 8						0.0	11.0	0.2
09 03 75	1430			.3		28076			1.	1.	1.		0.0	14.5	0.6
31 03 75	1645			.3		28103			32.	1.	1.		0.0	13.0	0.3
06 04 75	1040			.3		32163	6 8		700.	10. L	10. L		0.0	11.0	0.2
21 04 75	1400			.3		28125			4.	1.	1.		2.0	13.0	0.6
26 04 75	1030			.3		32198	3 6 8		4.	1.	10. L		2.0	10.0	1.0
12 05 75	1325			.3		28144			1.	1.	1.		9.0	11.5	0.4
31 05 75	1000			.3		32261	6 8		348.	8.	4.		11.0	11.0	0.8
01 06 75	1430			.3		28168			156.	4.	1.		17.5	10.0	1.0
22 06 75	1515			.3		28196							24.0	10.0	0.6
04 07 75	1115			.3		32325	6 8		420.	30.	1.		19.0	11.0	0.8
14 07 75	1525			.3		28209			92.	24.	4.		22.0	8.5	0.8
04 08 75	1130			.3		28228			944.	408.	1.		24.5	8.0	0.8
09 08 75	1000			.3		32371	6 8		170.	50.	1.		20.0	10.0	0.4
24 08 75	1725			.3		28247			500.	28.	1.		21.0	8.5	0.8
05 09 75	0940			.3		32433	6 8		420.	10. L	10. L		11.0	11.0	1.2
15 09 75	1255			.3		28270			3500.	20.	10. L		16.0	9.0	0.8
06 10 75	0920			.3		32479	6 8		12.	0.	1.		4.0	11.0	0.8
	1440			.3		28295			200.	10.	10. L		13.0	11.0	0.4
27 10 75	1150			.3		28317			100.	4.	4.		10.0	8.0	0.4
07 11 75	0950			.3		32525	6 8		140.	16.	1.		2.0	11.0	1.0
17 11 75	1140			.3		28336			28.	16.	1.		7.0	10.0	1.0
01 12 75	1515			.3		28360							3.0	13.0	0.6
07 12 75	0940			.3		32573	6 8						0.0	12.0	0.4
22 12 75	1710			.3		28382							1.0	12.0	0.6
MAXIMUM									3500.	408.	10.		24.5	14.5	1.4
AVG OR GEOM MN (*)									78.*	6.* D	2.* D		8.2	11.0	0.7
MINIMUM									1.	0.	1.		0.0	8.0	0.2
NO OF SAMPLES									25	25	24		29	29	30

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
05 01 75				.3		0.026	0.010	0.01 L	0.22	0.003	0.070	0.86	62	2.	
06 01 75	1515			.3		0.014	0.002	0.02	0.21	0.002	0.050	0.65	75	2.	7.2
27 01 75	1540			.3		0.005	0.003	0.01	0.19	0.002	0.100	1.50	73	2.	7.1
03 02 75	0945			.3		0.018	0.008	0.01	0.20	0.001	0.120	0.84	76	2.	
17 02 75	1530			.3		0.007	0.002	0.03	0.23	0.001	0.110	3.60	80	3.	7.0
08 03 75	1045			.3		0.002	0.002	0.01	0.17	0.003	0.120	1.10	78	2.	
09 03 75	1430			.3		0.004	0.002	0.02	0.17	0.002	0.120	0.81	76	2.	7.0
31 03 75	1645			.3		0.011	0.005	0.01	0.24	0.002	0.110	1.20	79	2.	7.0
06 04 75	1040			.3		0.002	0.001L	0.01	0.18	0.002	0.140	0.90	79	2.	
21 04 75	1400			.3		0.011	0.002	0.02	0.21	0.001	0.150	1.00	75	2.	6.9
26 04 75	1030			.3		0.010	0.002	0.01	0.23	0.002	0.050	2.00	68	3.	
12 05 75	1325			.3		0.006	0.001	0.01 L	0.20	0.003	0.040	1.00	68	2.	6.9
31 05 75	1000			.3		0.018	0.003	0.03	0.33	0.002	0.030	1.70	84	3.	
01 06 75	1430			.3		0.008	0.002	0.01	0.18	0.003	0.030	1.80	70	2.	7.2
22 06 75	1515			.3		0.013	0.001	0.01	0.25	0.003	0.050	1.00	69	2.	6.7
04 07 75	1115			.3		0.014	0.001	0.07	0.43	0.002	0.010	1.60	75	2.	
14 07 75	1525			.3		0.020	0.001	0.01	0.27	0.001	0.010L	1.60	92	2.	6.9
04 08 75	1130			.3		0.014	0.001	0.02	0.24	0.002	0.010	2.20	74	3.	7.0
09 08 75	1000			.3		0.010	0.001	0.02	0.24	0.001	0.010L	1.70	75	2.	
24 08 75	1725			.3		0.010	0.001L	0.01 L	0.25	0.001	0.010L	1.60	74	2.	7.6
05 09 75	0940			.3		0.006	0.001	0.02	0.37	0.001	0.010	1.00	75	2.	
15 09 75	1255			.3		0.010	0.001	0.01 L	0.29	0.002	0.010L	1.30	80	2.	7.3
06 10 75	0920			.3		0.007	0.001L	0.01 L	0.27	0.002	0.010L	1.30	75	2.	
	1440			.3		0.230	0.014	0.01 L	0.20	0.003	0.020	1.60	75	2.	7.2
27 10 75	1150			.3		0.010	0.001	0.01 L	0.24	0.001	0.040	1.20	74	2.	6.5
07 11 75	0950			.3		0.007	0.001	0.01	0.22	0.002	0.030	0.95	73	2.	6.5
17 11 75	1140			.3		0.007	0.001	0.01	0.21	0.003	0.040	0.95	75	2.	7.1
01 12 75	1515			.3		0.006	0.001	0.01	0.21	0.005	0.040	1.50	70	2.	6.3
07 12 75	0940			.3		0.006	0.001	0.02	0.20	0.002	0.010	1.00	70	2.	
22 12 75	1710			.3		0.009	0.001	0.02	0.27	0.003	0.020	1.00	68	2.	6.4
MAXIMUM						0.230	0.014	0.07	0.43	0.005	0.150	3.60	92	3.	7.6
AVG OR GEOM MN (*)						0.017	0.002D	0.02 D	0.24	0.002	0.052D	1.35	75	2.	6.9
MINIMUM						0.002	0.001	0.01	0.17	0.001	0.010	0.65	62	2.	6.3
NO OF SAMPLES						30	30	30	30	30	30	30	30	30	19

CONT'D

W.Q.W./ SITE: WHITEFISH RIVER
SAMPLE POINT: HIGHWAY 68 WHITEFISH FALLS
STATION TYPE: RIVER

STATION ID: 14-0035-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: WHITEFISH RIVER

STORET CODE: 02
002
7880

STN NO 1 LAT LONG U.T.M. 17 0443600.0 5106550.0 4 REGION 05 MILEAGE 0.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
06 01 75 1515			.3		28008		9					1. L		0.61
27 01 75 1540			.3		28035		7					1.		0.79
17 02 75 1530			.3		28057		8					1. L		0.85
08 03 75 1045			.3		32099							3.		
09 03 75 1430			.3		28076		10					1. L		0.80
31 03 75 1645			.3		28103		10					1. L		1.00
21 04 75 1400			.3		28125		9					1. L		1.00
12 05 75 1325			.3		28144		8							1.10
01 06 75 1430			.3		28168		12					1. L		0.80
22 06 75 1515			.3		28196		9					2.		0.70
14 07 75 1525			.3		28209		10					4.		0.42
04 08 75 1130			.3		28228		9					1. L		0.70
24 08 75 1725			.3		28247		9					1.		0.50
15 09 75 1255			.3		28270		11					1. L		0.80
06 10 75 1440			.3		28295		9					1. L		0.40
27 10 75 1150			.3		28317		9					1. L		0.40
07 11 75 0950			.3		32525									
17 11 75 1140			.3		28336		9					1. L		0.55
01 12 75 1515			.3		28360		11					0.1L		0.50
22 12 75 1710			.3		28382		10					0.1L		0.70
MAXIMUM							12					4.		1.10
AVG OR GEOM MN (*)							9					1.2D		0.70
MINIMUM							7					0.1		0.40
NO OF SAMPLES							18					18		18

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
06 01 75 1515			.3			65.	15. L		50					
27 01 75 1540			.3			65.	15. L		50					
17 02 75 1530			.3			60.	2.	58						
08 03 75 1045			.3											
09 03 75 1430			.3			60.	2.	58						
31 03 75 1645			.3			55.	3.		51					
21 04 75 1400			.3			52.	3.		49					
12 05 75 1325			.3			46.	2.		44					
01 06 75 1430			.3			50.	4.		46					
22 06 75 1515			.3			48.	2.		46					
14 07 75 1525			.3			62.	2.		60					
04 08 75 1130			.3			53.	5.		48					
24 08 75 1725			.3			51.	2.		49					
15 09 75 1255			.3			59.	7.		52					
06 10 75 1440			.3			52.	3.		49					
27 10 75 1150			.3			51.	3.		48					
07 11 75 0950			.3		17.									
17 11 75 1140			.3			56.	7.		49					
01 12 75 1515			.3			48.	2.		46					
22 12 75 1710			.3			47.	1.		46					
MAXIMUM					17.	65.	15.	58	60					
AVG OR GEOM MN (*)					17.	54.	4. D	58	49					
MINIMUM					17.	46.	1.	58	44					
NO OF SAMPLES					1	18	18	2	16					

CONT'D

B.O.W./ SITE: WHITEFISH RIVER
SAMPLE POINT: HIGHWAY 68 WHITEFISH FALLS
STATION TYPE: RIVER

STATION ID: 14-0035-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE HURON
TERM STREAM: WHITEFISH RIVER

STORET CODE: 02
002
7880

STN NO 1 LAT LONG U.T.M. 17 0443600.0 5106550.0 4 REGION 05 MILEAGE 0.40

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	203 TOTAL ALUMINUM MG/L	265 TOTAL ARSENIC MG/L	64 CALCIUM MG/L	72 TOTAL CALCIUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	272 SIMPLE CYANIDE MG/L	215 TOTAL CADMIUM MG/L	229 TOTAL LEAD MG/L
06 01 75	1515			.3		28008			8.0						
27 01 75	1540			.3		28035			7.0						
17 02 75	1530			.3		28057			7.0						
09 03 75	1430			.3		28076			7.0						
31 03 75	1645			.3		28103			8.0						
21 04 75	1400			.3		28125			8.0						
12 05 75	1325			.3		28144			7.0						
01 06 75	1430			.3		28168			7.6						
22 06 75	1515			.3		28196			8.0						
14 07 75	1525			.3		28209			9.0						
04 08 75	1130			.3		28228				7.3					
24 08 75	1725			.3		28247				7.2					
15 09 75	1255			.3		28270				7.3					
06 10 75	1440			.3		28295				6.0					
27 10 75	1150			.3		28317				6.0					
17 11 75	1140			.3		28336				7.2					
01 12 75	1515			.3		28360				6.0					
22 12 75	1710			.3		28382				6.0					
MAXIMUM									9.0	7.3					
AVG OR GEOM MN (*)									7.7	6.6					
MINIMUM									7.0	6.0					
NO OF SAMPLES									10	8					

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	65 MAG NESIUM MG/L	74 TOT. MAG NESIUM MG/L	200 MANGNESE MN MG/L	235 TOTAL MERCURY UG/L	238 TOTAL NICKEL MG/L	249 TOTAL ZINC MG/L	217 TOTAL COBALT MG/L	218 BARIUM MG/L	219 SELENIUM MG/L	361 SOLVENT EXTRBLES MG/L
06 01 75	1515			.3				0.02							
27 01 75	1540			.3				0.02 L							
17 02 75	1530			.3				0.01							
09 03 75	1430			.3				0.02 L							
31 03 75	1645			.3				0.04 L							
21 04 75	1400			.3				0.04 L							
12 05 75	1325			.3				0.04 L							
01 06 75	1430			.3				0.04 L							
22 06 75	1515			.3				0.04 L							
14 07 75	1525			.3				0.03							
04 08 75	1130			.3				0.04 L							
24 08 75	1725			.3				0.02							
15 09 75	1255			.3				0.04 L							
06 10 75	1440			.3				0.02							
27 10 75	1150			.3				0.04 L							
17 11 75	1140			.3				0.04 L							
01 12 75	1515			.3				0.02							
22 12 75	1710			.3				0.02							
MAXIMUM								0.04							
AVG OR GEOM MN (*)								0.03 D							
MINIMUM								0.01							
NO OF SAMPLES								18							

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SAMPLE INFORMATION SYSTEM       STATION SUMMARY REPORT - RIVER BASINS                        DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: COUNTY ROAD DITCH                                                                 STATION ID:  15-0001-001-10
 SAMPLE POINT: POLYMER CORP SARNIA LEFT SIDE
 STATION TYPE: RIVER                                      MAJOR BASIN: GREAT LAKES                            STORET CODE: 02
                                                          MINOR BASIN: LAKE ERIE                                           003

STN NO      1       LAT                 LONG                U.T.M. 17 0383525.0 4755825.0 4     REGION 01

                                      934       901       444        80        81        84        88       805         3         1
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE       SCD  FLOW CFS     TOTAL     FECAL      M.F.    PSEUD.     WATER     DISS.     5-DAY
DY MO YR LMT   DIST BRG DEPTH           NO                      COLIFORM  COLIFORM    ENTER.       MPA     TEMP.        02       BOD
               FEET      MTRS                                   MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L

16 01 75 1110              .3       11031    6 0                   1400.       60.       12.                 5.9      10.8       5.5
20 02 75 1420              .3       11063    6 0                   7500.       20.       20.                 6.5      11.8       4.0
20 03 75 1425              .3       11093    6 0                      8.        4. L      4. L               9.3      11.6       3.0
23 04 75 1305              .3       11129    6 0                    256.       12.        4. L              13.0      12.0      0.5L


                      MAXIMUM                                      7500.       60.       20.                13.0      12.0       5.5
           AVG OR GEOM MN (*)                                      383.*      15.* D     8.* D               8.7      11.6      3.3D
                      MINIMUM                                         8.        4.        4.                 5.9      10.8       0.5

                NO OF SAMPLES                                         4         4         4                   4         4         4

                                       33        34        19        20        21        22        16        14        56        55
SAMP DTE HOUR  STN  STN SAMP  PJ     TOTAL  FILTERED  FILTERED     TOTAL   NITRITE   NITRATE     TURB.     COND.  CHLORIDE        PH
DY MO YR LMT   DIST BRG DEPTH            P  REACTIVE   AMMONIA  KJELDAHL     NO2-N     NO3-N  FORMAZIN       25C      MG/L    AT LAB
               FEET      MTRS         MG/L    P MG/L      MG/L      MG/L      MG/L      MG/L     UNITS     UMHOS

16 01 75 1110              .3        0.021     0.003      0.59      0.99     0.003     0.270      1.60       248       12.       7.8
20 02 75 1420              .3        0.024     0.005      0.22      0.56     0.009     0.280      6.50       367       46.       7.6
20 03 75 1425              .3        0.031     0.006      0.05      0.36     0.007     0.610      5.60       324       11.       8.1
23 04 75 1305              .3        0.024     0.006      0.05      0.34     0.006     0.270      7.50       386       22.       8.3


                      MAXIMUM        0.031     0.006      0.59      0.99     0.009     0.610      7.50       386       46.       8.3
           AVG OR GEOM MN (*)        0.025     0.005      0.23      0.56     0.006     0.358      5.30       331       22.       8.0
                      MINIMUM        0.021     0.003      0.05      0.34     0.003     0.270      1.60       248       11.       7.6

                NO OF SAMPLES            4         4         4         4         4         4         4         4         4         4


                                      934        95        52        50        76        61        68        25        60       280
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE   ACIDITY   TOT ALK  HARDNESS    CALCUL     TOTAL    COLOUR   PHENOLS            REACTIVE
DY MO YR LMT   DIST BRG DEPTH           NO      MG/L    AT LAB     CACO3  HARDNESS      IRON     HAZEN            FLUORIDE  SILICATE
               FEET      MTRS                             MG/L      MG/L      MG/L      MG/L     UNITS      UG/L      MG/L   SI MG/L

16 01 75 1110              .3       11031                                                                   12.
20 02 75 1420              .3       11063                                                                    7.
20 03 75 1425              .3       11093
23 04 75 1305              .3       11129                                                                    6.


                      MAXIMUM                                                                               12.
           AVG OR GEOM MN (*)                                                                                8.
                      MINIMUM                                                                                6.

                NO OF SAMPLES                                                                                 3

                                       59         5         6         7       107        67        66        45        47        41
SAMP DTE HOUR  STN  STN SAMP  PJ  SULPHATE     TOTAL     SUSP.     DISS.     DISS.   PTSSIUM    SODIUM     TOT C   ORGANIC       COD
DY MO YR LMT   DIST BRG DEPTH                 SOLIDS    SOLIDS    SOLIDS    SOLIDS         K        NA      AS C    C AS C
               FEET      MTRS         MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

16 01 75 1110              .3                  150.      15. L      135
20 02 75 1420              .3                  230.      15. L      215
20 03 75 1425              .3                  200.      15. L      185
23 04 75 1305              .3                  160.      15. L      145


                      MAXIMUM                  230.      15.        215
           AVG OR GEOM MN (*)                  185.      15. D      170
                      MINIMUM                  150.      15.        135

                NO OF SAMPLES                     4         4         4
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SAMPLE INFORMATION SYSTEM        STATION SUMMARY REPORT - RIVER BASINS                          DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: COUNTY ROAD DITCH                                                                   STATION ID:  15-0001-002-10
 SAMPLE POINT: POLYMER CORP SARNIA RIGHTSIDE
 STATION TYPE: RIVER                                    MAJOR BASIN: GREAT LAKES                         STORET CODE: 02
                                                        MINOR BASIN: LAKE ERIE                                        003

STN NO      2      LAT                  LONG             U.T.M. 17 0383500.0 4755750.0 4      REGION 01

                                      934       901       444        80        81        84        88       805         3          1
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE       SCD  FLOW CFS     TOTAL     FECAL      M.F.    PSEUD.     WATER     DISS.      5-DAY
DY MO YR LMT   DIST BRG DEPTH           NO                      COLIFORM  COLIFORM    ENTER.       MPA     TEMP.        02        BOD
               FEET       MTRS                                  MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L       MG/L

16 01 75 1105              .3        11030    6 0              2600.       68.       12.                   6.2      10.9        5.0
20 02 75 1415              .3        11062    6 0              2700.       40.       20.                   7.0      11.6        4.5
20 03 75 1420              .3        11092    6 0                12.        4.  L     4.                   9.0      12.6        4.5
23 04 75 1300              .3        11128    6 0               272.       20.        8.                  10.0      13.0        0.5L


                      MAXIMUM                                  2700.       68.       20.                  10.0      13.0        5.0
            AVG OR GEOM MN (*)                                  389.*      22.* D     9.*                  8.1      12.0        3.6D
                      MINIMUM                                    12.        4.        4.                   6.2      10.9        0.5

                NO OF SAMPLES                                      4         4         4                     4         4          4



                                       33        34        19        20        21        22        16        14        56         55
SAMP DTE HOUR  STN  STN SAMP  PJ    TOTAL  FILTERED  FILTERED     TOTAL   NITRITE   NITRATE     TURB.     COND.  CHLORIDE         PH
DY MO YR LMT   DIST BRG DEPTH           P  REACTIVE   AMMONIA  KJELDAHL    NO2-N     NO3-N   FORMAZIN       25C      MG/L     AT LAB
               FEET       MTRS       MG/L    P MG/L      MG/L      MG/L      MG/L      MG/L     UNITS     UMHOS

16 01 75 1105              .3       0.022     0.004      0.57      0.99     0.002     0.280      1.50       240       11.        8.3
20 02 75 1415              .3       0.022     0.007      0.24      0.56     0.010     0.280      3.30       396       52.        7.5
20 03 75 1420              .3       0.036     0.010      0.05      0.40     0.008     0.660      5.80       308       11.        8.1
23 04 75 1300              .3       0.028     0.006      0.06      0.39     0.007     0.280      7.50       422       29.        8.4


                      MAXIMUM       0.036     0.010      0.57      0.99     0.010     0.660      7.50       422       52.        8.4
            AVG OR GEOM MN (*)      0.027     0.007      0.23      0.59     0.007     0.375      4.53       342       25.        8.1
                      MINIMUM       0.022     0.004      0.05      0.39     0.002     0.280      1.50       240       11.        7.5

                NO OF SAMPLES           4         4         4         4         4         4         4         4         4          4



                                      934        95        52        50        76        61        66        25        60        280
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE  ACIDITY   TOT ALK  HARDNESS    CALCUL     TOTAL    COLOUR   PHENOLS             REACTIVE
DY MO YR LMT   DIST BRG DEPTH           NO     MG/L    AT LAB     CACO3  HARDNESS      IRON     HAZEN             FLUORIDE  SILICATE
               FEET       MTRS                           MG/L      MG/L      MG/L      MG/L     UNITS      UG/L      MG/L   SI MG/L

16 01 75 1105              .3        11030                                                                  14.
20 02 75 1415              .3        11062                                                                   7.
20 03 75 1420              .3        11092
23 04 75 1300              .3        11128                                                                   6.


                      MAXIMUM                                                                               14.
            AVG OR GEOM MN (*)                                                                               9.
                      MINIMUM                                                                                6.

                NO OF SAMPLES                                                                                  3

                                       59         5         6         7       107        67        66        45        47         41
SAMP DTE HOUR  STN  STN SAMP  PJ  SULPHATE     TOTAL     SUSP.     DISS.     DISS.   PTSSIUM    SODIUM     TOT C   ORGANIC        COD
DY MO YR LMT   DIST BRG DEPTH                 SOLIDS    SOLIDS    SOLIDS    SOLIDS         K        NA      AS C    C AS C
               FEET       MTRS       MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L       MG/L

16 01 75 1105              .3                  130.      15. L      115
20 02 75 1415              .3                  250.      15. L      235
20 03 75 1420              .3                  200.      15. L      185
23 04 75 1300              .3                  200.      15. L      185


                      MAXIMUM                  250.      15.        235
            AVG OR GEOM MN (*)                 195.      15. D      180
                      MINIMUM                  130.      15.        115

                NO OF SAMPLES                    4         4          4
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SAMPLE INFORMATION SYSTEM        STATION SUMMARY REPORT - RIVER BASINS                         DATE OF REPORT   28 OCT 77

 B.O.W./ SITE: TALFORD CREEK                                                                     STATION ID:   15-0002-001-02
 SAMPLE POINT: AT HIGHWAY NO 41 SARNIA
 STATION TYPE: RIVER                                        MAJOR BASIN: GREAT LAKES                            STORET CODE: 02
                                                            MINOR BASIN: LAKE ERIA                                           003
                                                            TERM STREAM: TALFOURD CREEK                                      3300

STN NO      1       LAT                 LONG                U.T.M. 17 0380950.0 4750875.0 4     REGION 01               MILEAGE    0.20


                                          934        901       444        80         81         84         88        805         3          1
SAMP DTE HOUR  STN  STN SAMP  PJ        SAMPLE        SCD  FLOW CFS     TOTAL      FECAL       M.F.     PSEUD.     WATER      DISS.      5-DAY
DY MO YR LMT   DIST BRG DEPTH               NO                      COLIFORM   COLIFORM     ENTER.        MPA      TEMP.         02        BOD
               FEET      MTRS                                       MF/100ML   MF/100ML   MF/100ML   MF/100ML     DEG C       MG/L       MG/L

16 01 75 1135              .3          11029     6 0                  6700.      2000.      360.                   15.1        7.4        5.0
20 02 75 1345              .3          11061     6 0                 17000.       920.      310.                   16.0        8.2        5.0
20 03 75 1450              .3          11091     6 0                  7200.      3800.      180.                   12.2       11.2        6.0
23 04 75 1235              .3          11127     6 0                  7500.      1100.      100.                   22.1        9.2        1.6


                     MAXIMUM                                         17000.      3800.      360.                   22.1       11.2        6.0
            AVG OR GEOM MN (*)                                        8857.*     1665.*     212.*                  16.4        9.0        4.4
                     MINIMUM                                          6700.       920.      100.                   12.2        7.4        1.6

               NO OF SAMPLES                                              4          4         4                      4          4          4

                                          33         34        19         20         21         22         16        14         56         55
SAMP DTE HOUR  STN  STN SAMP  PJ        TOTAL   FILTERED  FILTERED      TOTAL    NITRITE    NITRATE      TURB.      COND.  CHLORIDE         PH
DY MO YR LMT   DIST BRG DEPTH               P   REACTIVE   AMMONIA   KJELDAHL     NO2-N      NO3-N   FORMAZIN       25C       MG/L     AT LAB
               FEET      MTRS            MG/L     P MG/L      MG/L       MG/L       MG/L       MG/L      UNITS     UMHOS

16 01 75 1135              .3          0.170      0.110      0.56       0.99      0.008      0.770       4.40      396        41.        8.0
20 02 75 1345              .3          0.200      0.120      0.28       0.84      0.014      0.350       3.10      405        50.        7.8
20 03 75 1450              .3          0.150      0.084      0.08       0.68      0.016      2.000      28.00      430        20.        7.9
23 04 75 1235              .3          0.100      0.025      0.02       0.53      0.010      0.650     160.00      410        40.        8.2


                     MAXIMUM           0.200      0.120      0.56       0.99      0.016      2.000     160.00      430        50.        8.2
            AVG OR GEOM MN (*)         0.155      0.085      0.24       0.76      0.012      0.943      48.88      410        37.        8.0
                     MINIMUM           0.100      0.025      0.02       0.53      0.008      0.350       3.10      396        20.        7.8

               NO OF SAMPLES               4          4         4          4          4          4          4         4          4          4

                                          934        95        52         50         76         61         68        25         60        280
SAMP DTE HOUR  STN  STN SAMP  PJ        SAMPLE   ACIDITY  TOT ALK   HARDNESS     CALCUL      TOTAL     COLOUR   PHENOLS                REACTIVE
DY MO YR LMT   DIST BRG DEPTH               NO      MG/L    AT LAB      CACO3   HARDNESS       IRON      HAZEN               FLUORIDE  SILICATE
               FEET      MTRS                                 MG/L       MG/L       MG/L       MG/L      UNITS      UG/L       MG/L   SI MG/L

16 01 75 1135              .3          11029                                                                          6.
20 02 75 1345              .3          11061                                                                          7.
20 03 75 1450              .3          11091                                                                          4.
23 04 75 1235              .3          11127                                                                         15.


                     MAXIMUM                                                                                         15.
            AVG OR GEOM MN (*)                                                                                        8.
                     MINIMUM                                                                                          4.

               NO OF SAMPLES                                                                                           4

                                           59         5         6          7        107         67         66        45         47         41
SAMP DTE HOUR  STN  STN SAMP  PJ      SULPHATE     TOTAL     SUSP.      DISS.      DISS.    PTSSIUM     SODIUM     TOT C    ORGANIC        COD
DY MO YR LMT   DIST BRG DEPTH                     SOLIDS    SOLIDS     SOLIDS     SOLIDS          K         NA      AS C     C AS C
               FEET      MTRS             MG/L      MG/L      MG/L       MG/L       MG/L       MG/L       MG/L      MG/L       MG/L       MG/L

16 01 75 1135              .3                     220.       15. L      205
20 02 75 1345              .3                     260.       15.        245
20 03 75 1450              .3                     320.       20.        300
23 04 75 1235              .3                     250.       65.        185


                     MAXIMUM                      320.       65.        300
            AVG OR GEOM MN (*)                    262.       28. D      234
                     MINIMUM                      220.       15.        185

               NO OF SAMPLES                         4          4          4
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SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: SELKIRK DRAIN STATION ID: 16-0025-001-02
SAMPLE POINT: AT COUNTY ROAD 20 2 MILES SOUTH EAST OF LEAMINGTON
STATION TYPE: RIVER
MAJOR BASIN: GREAT LAKES STORET CODE: 02
MINOR BASIN: LAKE ERIE 003

STN NO 1 LAT LONG U.T.M. 17 0368500.0 4653500.0 4 REGION 01 MILEAGE 0.60

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
14 01 75	1340			.3		11016	6		32000E+3	10000E+1	15000.		11.0	10.0	30.0
17 02 75	1415			.3		11048	6		12000E+3	15000E+1	18400.		5.3	10.6	18.0
17 03 75	1505			.3		11078	6		52000E+2	39000E+1	8300.		15.0	9.6	5.0
09 04 75	0930			.3		11110	6 0		4. L	4. L	4. L		10.0	9.7	50.0
13 05 75	1550			.3		11146	5 9 0		14000.	940.	4. L		28.5	5.3	2.6
MAXIMUM									32000E+3	39000E+1	18400.		28.5	10.6	50.0
AVG OR GEOM MN (*)									16204E+*D	7386.* D	516.* D		14.0	9.0	21.1
MINIMUM									4.	4.	4.		5.3	5.3	2.6
NO OF SAMPLES									5	5	5		5	5	5

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
14 01 75	1340			.3		0.880	0.019	2.20	4.60	3.200	3.800	18.00	940	150.	
17 02 75	1415			.3		1.100	0.300	2.10	4.80	0.270	1.600	55.00	486	73.	
17 03 75	1505			.3		0.480	0.078	0.22	1.90	0.200	3.300	66.00	468	35.	
09 04 75	0930			.3		0.210	0.079	0.01	0.60	0.024	1.600	44.00	432	32.	
13 05 75	1550			.3		0.110	0.013	0.04	0.68	0.039	0.430	7.10	340	28.	
MAXIMUM						1.100	0.300	2.20	4.80	3.200	3.800	66.00	940	150.	
AVG OR GEOM MN (*)						0.556	0.098	0.91	2.52	0.747	2.146	38.02	533	63.	
MINIMUM						0.110	0.013	0.01	0.60	0.024	0.430	7.10	340	28.	
NO OF SAMPLES						5	5	5	5	5	5	5	5	5	

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
14 01 75	1340			.3			550.	45.	505						
17 02 75	1415			.3			470.	140.	330						
09 04 75	0930			.3			380.	65.	315						
13 05 75	1550			.3			240.	20.	220						
MAXIMUM							550.	140.	505						
AVG OR GEOM MN (*)							410.	67.	343						
MINIMUM							240.	20.	220						
NO OF SAMPLES							4	4	4						

SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: STURGEON RIVER STATION ID: 16-0027-001-02
SAMPLE POINT: AT COUNTY ROAD 20 4 MILES SOUTH EAST OF LEAMINGTON
STATION TYPE: RIVER
MAJOR BASIN: GREAT LAKES STORET CODE: 02
MINOR BASIN: LAKE ERIE 003
TERM STREAM: STURGEON RIVER 2320

STN NO 1 LAT LONG U.T.M. 17 0370450.0 4654325.0 4 REGION 01 MILEAGE 1.90

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
14 01 75 1330			.3		11015	4	6.2	57000.	3000.	200.		3.0	13.5	0.6
17 02 75 1405			.3		11047	6	13.4	32000E+1	4300.	108.		1.7	12.2	3.0
17 03 75 1455			.3		11077	6 9	11.0	6500.	1750.	8000.		7.0	12.8	0.5L
09 04 75 0915			.3		11109	6	4.0	31000.	800.	330.		2.2	14.2	1.6
15 05 75 1540			.3		11145	5 9	1.5	2100.	4. L	4. L		22.2	13.6	2.0
11 06 75 1320			.3		11165	6	2.1	88000.	3100.	570.		16.5	7.1	3.1
22 07 75 1400			.3		11210	6 9	0.42	16000.	600.	190.	0.	21.3	7.5	2.2
18 08 75 1430			.3		11256	6 9	0.31	39000.	12000.	2500.	8.	22.2	8.6	1.6
22 09 75 1530			.3		11322	6	3.1	10000E+1	5200.	1100.		15.0	12.2	0.9
27 10 75 1400			.3		11349	6	2.4	76000.	2200.	328.	4. L	12.2	14.2	1.8
17 11 75 1440			.3		11395	6	1.9	18000E+1	160.	190.	56.	11.0	11.4	2.1
08 12 75 1400			.3		11458	6	3.8	46000.	100.	330.		4.9	11.8	0.8
MAXIMUM							13.4	32000E+1	12000.	8000.	56.	22.2	14.2	3.1
AVG OR GEOM MN (*)							4.18	41575.*	903.* D	325.* D	7.* D	11.6	11.6	1.7D
MINIMUM							0.31	2100.	4.	4.	0.	1.7	7.1	0.5
NO OF SAMPLES							12	12	12	12	4	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
14 01 75 1330			.3		0.094	0.049	0.34	0.73	0.053	14.000	13.00	940	58.	
17 02 75 1405			.3		0.180	0.150	1.30	2.10	0.060	5.800	42.00	660	48.	
17 03 75 1455			.3		0.320	0.074	0.82	1.90	0.054	6.900	94.00	620	35.	
09 04 75 0915			.3		0.058	0.024	0.36	0.97	0.058	7.800	8.40	820	52.	
15 05 75 1540			.3		0.120	0.052	0.07	0.82	0.130	4.600	5.10	758	57.	
11 06 75 1320			.3		0.241	0.111	0.28	1.26	0.260	6.750	37.00	850	54.	
22 07 75 1400			.3		1.410	1.000	0.20	1.32	0.173	0.840	7.30	810	70.	
18 08 75 1430			.3		0.224	0.129	0.06	0.85	0.045	0.500	8.40	740	47.	
22 09 75 1530			.3		0.122	0.079	0.07	0.60	0.131	6.070	9.10	898	52.	
27 10 75 1400			.3		0.146	0.090	0.07	0.76	0.065	3.920	11.00	855	60.	
17 11 75 1440			.3		0.097	0.084	0.11	0.41	0.080	3.300	6.00	845	55.	
08 12 75 1400			.3		0.085	0.070	0.19	0.51	0.058	9.300	8.50	920	60.	
MAXIMUM					1.410	1.000	1.30	2.10	0.260	14.000	94.00	940	70.	
AVG OR GEOM MN (*)					0.258	0.159	0.32	1.02	0.097	5.815	20.82	810	54.	
MINIMUM					0.058	0.024	0.06	0.41	0.045	0.500	5.10	620	35.	
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
14 01 75 1330			.3			700.	20.	680						
17 02 75 1405			.3			500.	60.	440						
17 03 75 1455			.3			650.	170.	480						
09 04 75 0915			.3			600.	15. L	585						
15 05 75 1540			.3			650.	20.	630						
11 06 75 1320			.3			714.	50.	664						
22 07 75 1400			.3			554.	24.	530						
18 08 75 1430			.3			506.	27.	479						
22 09 75 1530			.3			700.	16.	684						
27 10 75 1400			.3			608.	20.	588						
17 11 75 1440			.3			544.	2.	542						
08 12 75 1400			.3			666.	7.	659						
MAXIMUM						714.	170.	684						
AVG OR GEOM MN (*)						616.	35. D	580						
MINIMUM						500.	2.	440						
NO OF SAMPLES						12	12	12						

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SAMPLE INFORMATION SYSTEM        STATION SUMMARY REPORT - RIVER BASINS                          DATE OF REPORT  28 OCT 77

  B.O.W./ SITE: MUDDY CREEK                                                                      STATION ID:  16-0032-001-02
  SAMPLE POINT: AT FIRST BRIDGE ABOVE LAKE ERIE
  STATION TYPE: RIVER
                                                            MAJOR BASIN: GREAT LAKES                        STORET CODE: 02
                                                            MINOR BASIN: LAKE ERIE                                       003
                                                            TERM STREAM: MUDDY CREEK                                     2280

STN NO      1       LAT                 LONG              U.T.M. 17 0378750.0 4658000.0 4      REGION 01            MILEAGE    0.20

                                     934       901       444        80        81        84        88       805         3         1
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE       SCO  FLOW CFS     TOTAL     FECAL      M.F.    PSEUD.     WATER     DISS.     5-DAY
DY MO YR LMT   DIST BRG DEPTH           NO                      COLIFORM  COLIFORM    ENTER.       MPA     TEMP.        O2       BOD
               FEET      MTRS                                   MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L

11 06 75 1255              .3        11164  6                      2300.       12.       20.        0.      14.3      11.9       8.0
22 07 75 1345              .3        11209  6 9                     100.        8.       12.                19.0      11.9       6.8
18 08 75 1410              .3        11255  6                       430.      160.       48.        4.      25.1      10.4       5.2
22 09 75 1510              .3        11321  6 9                   24000.      600.      320.                17.2       5.0       6.8
27 10 75 1340              .3        11348  5 9                 16000E+1     2500.    95000.                14.9       1.9      32.0
17 11 75 1420              .3        11394  5                     38000.       40.     5200.                 9.1       7.9       9.2
08 12 75 1340              .3        11457  6                     10000.      120.     1180.                 2.9       8.2       6.2


                      MAXIMUM                                   16000E+1     2500.    95000.        4.      25.1      11.9      32.0
           AVG OR GEOM MN (*)                                     5458.*     101.*     416.*       2.*      14.6       8.2      10.6
                      MINIMUM                                     100.          8.       12.        0.       2.9       1.9       5.2

                NO OF SAMPLES                                          7         7         7         2         7         7         7
                                      33        34        19        20        21        22        16        14        56        55
SAMP DTE HOUR  STN  STN SAMP  PJ     TOTAL  FILTERED  FILTERED     TOTAL   NITRITE   NITRATE     TURB.     COND.  CHLORIDE        PH
DY MO YR LMT   DIST BRG DEPTH            P  REACTIVE   AMMONIA  KJELDAHL     NO2-N     NO3-N  FORMAZIN       25C      MG/L    AT LAB
               FEET      MTRS         MG/L    P MG/L      MG/L      MG/L      MG/L      MG/L     UNITS     UMHOS

11 06 75 1255              .3        0.426     0.080      1.70      3.28     0.062     0.550     27.00       345       22.
22 07 75 1345              .3        0.274     0.017      0.90      2.45     0.036     0.190     18.00       320       21.       7.8
18 08 75 1410              .3        0.274     0.041      0.74      2.05     0.043     0.210     21.00       322       18.       7.8
22 09 75 1510              .3        0.570     0.269      1.42      2.05     0.017     0.031     13.00       436       28.       7.4
27 10 75 1340              .3        1.460     0.072      1.96      6.70     0.004    0.010L     34.00       440       28.       7.1
17 11 75 1420              .3        0.600     0.150      3.00      3.30     0.030     0.370     27.00       370       21.       7.4
08 12 75 1340              .3        0.365     0.107      1.60      3.75     0.119     2.290     73.00       495       32.       7.4


                      MAXIMUM        1.460     0.269      3.00      6.70     0.119     2.290     73.00       495       32.       7.8
           AVG OR GEOM MN (*)        0.567     0.105      1.62      3.37     0.044    0.522D     30.43       390       24.       7.5
                      MINIMUM        0.274     0.017      0.74      2.05     0.004     0.010     13.00       320       18.       7.1

                NO OF SAMPLES            7         7         7         7         7         7         7         7         7         6

                                     934        95        52        50        76        61        68        25        60       280
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE   ACIDITY   TOT ALK  HARDNESS    CALCUL     TOTAL    COLOUR   PHENOLS            REACTIVE
DY MO YR LMT   DIST BRG DEPTH           NO      MG/L    AT LAB     CACO3  HARDNESS      IRON     HAZEN            FLUORIDE  SILICATE
               FEET      MTRS                             MG/L      MG/L      MG/L      MG/L     UNITS      UG/L      MG/L   SI MG/L

22 07 75 1345              .3        11209                                                          40
18 08 75 1410              .3        11255                                                          30
22 09 75 1510              .3        11321
27 10 75 1340              .3        11348                                                          75
17 11 75 1420              .3        11394                                                          20
08 12 75 1340              .3        11457


                      MAXIMUM                                                                       75
           AVG OR GEOM MN (*)                                                                       41
                      MINIMUM                                                                       20

                NO OF SAMPLES                                                                        4

                                      59         5         6         7       107        67        66        45        47        41
SAMP DTE HOUR  STN  STN SAMP  PJ  SULPHATE     TOTAL     SUSP.     DISS.     DISS.   PTSSIUM    SODIUM     TOT C   ORGANIC       COD
DY MO YR LMT   DIST BRG DEPTH                 SOLIDS    SOLIDS    SOLIDS    SOLIDS         K        NA      AS C    C AS C
               FEET      MTRS         MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

22 07 75 1345              .3                                                                                                   32
18 08 75 1410              .3                                                                                                   12
22 09 75 1510              .3                                                                                                   36
27 10 75 1340              .3                                                                                                   88
17 11 75 1420              .3                                                                                                   30
08 12 75 1340              .3                                                                                                   31


                      MAXIMUM                                                                                                   88
           AVG OR GEOM MN (*)                                                                                                   38
                      MINIMUM                                                                                                   12

                NO OF SAMPLES                                                                                                    6
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SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: SIXTEEN MILE CREEK STATION ID: 16-0063-001-02
SAMPLE POINT: AT BACK STREET, RODNEY
STATION TYPE: RIVER MAJOR BASIN: GREAT LAKES STORET CODE: 02
MINOR BASIN: LAKE ERIE 003
TERM STREAM: SIXTEEN MILE CREEK 1970

STN NO 1 LAT LONG U.T.M. 17 0444450.0 4711500.0 4 REGION 01 MILEAGE 5.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
14 01 75 1125			.3		11013	6		81000.	13000.	292.		2.7	12.8	1.0
17 02 75 1155			.3		11045	6		15000E+1	5500.	208.		2.0	12.5	2.5
17 03 75 1330			.3		11075	6						6.8	13.9	0.8
24 04 75			.3		11133			19000.	2700.	420.				3.0
13 05 75 1245			.3		11143	9 5		18000.	860.	32.		16.2	11.3	5.5
MAXIMUM								15000E+1	13000.	420.		16.2	13.9	5.5
AVG OR GEOM MN (*)								45139.*	3590.*	169.*		6.9	12.6	2.6
MINIMUM								18000.	860.	32.		2.0	11.3	0.8
NO OF SAMPLES								4	4	4		4	4	5

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
14 01 75 1125			.3		0.100	0.034	0.15	0.71	0.022	3.700	9.70	700	37.	
17 02 75 1155			.3		0.140	0.078	0.36	0.94	1.900	1.900	8.00	700	46.	
17 03 75 1330			.3		0.250	0.091	0.18	1.00	0.027	2.000	100.00	494	23.	
24 04 75			.3		0.150	0.029	0.08	1.10	0.027	1.400	18.00	585	34.	
13 05 75 1245			.3		0.140	0.057	0.20	0.95	0.060	1.400	17.00	582	34.	
MAXIMUM					0.250	0.091	0.36	1.10	1.900	3.700	100.00	700	46.	
AVG OR GEOM MN (*)					0.156	0.058	0.19	0.94	0.407	2.080	30.54	612	34.	
MINIMUM					0.100	0.029	0.08	0.71	0.022	1.400	8.00	494	23.	
NO OF SAMPLES					5	5	5	5	5	5	5	5	5	

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
14 01 75 1125			.3			480.	20.	460						
17 02 75 1155			.3			550.	30.	520						
17 03 75 1330			.3			550.	170.	380						
24 04 75			.3			440.	35.	405						
13 05 75 1245			.3			460.	40.	420						
MAXIMUM						550.	170.	520						
AVG OR GEOM MN (*)						496.	59.	437						
MINIMUM						440.	20.	380						
NO OF SAMPLES						5	5	5						

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SAMPLE INFORMATION SYSTEM       STATION SUMMARY REPORT - RIVER BASINS                          DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: BROCK CREEK                                                                         STATION ID:  16-0066-001-02
 SAMPLE POINT: AT MIDDLE STREET 3 MILES SOUTH OF WEST LORNE
 STATION TYPE: RIVER                                    MAJOR BASIN: GREAT LAKES                              STORET CODE: 02
                                                        MINOR BASIN: LAKE ERIE                                             003
                                                        TERM STREAM: BROCK CREEK                                           1940

STN NO     1      LAT               LONG                 U.T.M. 17 0450950.0 4713950.0 4      REGION 01             MILEAGE    3.60

                                       934       901       444        80        81        84        88       805         3         1
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE       SCD  FLOW CFS     TOTAL     FECAL      M.F.    PSEUD.     WATER     DISS.     5-DAY
DY MO YR LMT   DIST BRG DEPTH           NO                      COLIFORM  COLIFORM    ENTER.       MPA     TEMP.        02       BOD
               FEET      MTRS                                   MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L

14 01 75 1100              .3        11012   4                     1400.      160.      132.                 0.9      12.8       1.2
17 02 75 1140              .3        11044   4                     1600.      250.       36.                 2.7      12.7       1.0
17 03 75 1310              .3        11074   6                                                               6.5      16.5       0.8
24 04 75 1310              .3        11132   5                     1800.      144.      144.                12.8      14.0       1.6
13 05 75 1230              .3        11142   6 8 9                  350.      190.       20.                14.5      12.1       1.4


                      MAXIMUM                                      1800.      250.      144.                14.5      16.5       1.6
           AVG OR GEOM MN (*)                                     1090.*     182.*      61.*                 7.5      13.6       1.2
                      MINIMUM                                       350.      144.       20.                 0.9      12.1       0.8

                NO OF SAMPLES                                          4         4         4                   5         5         5



                                        33        34        19        20        21        22        16        14        56        55
SAMP DTE HOUR  STN  STN SAMP  PJ     TOTAL  FILTERED  FILTERED     TOTAL   NITRITE   NITRATE     TURB.     COND.  CHLORIDE        PH
DY MO YR LMT   DIST BRG DEPTH            P  REACTIVE   AMMONIA  KJELDAHL     NO2-N     NO3-N  FORMAZIN       25C      MG/L    AT LAB
               FEET      MTRS         MG/L    P MG/L      MG/L      MG/L      MG/L      MG/L     UNITS     UMHOS

14 01 75 1100              .3        0.260     0.170      0.74      1.40     0.023     3.800      7.50       600       30.
17 02 75 1140              .3        0.068     0.025      0.21      0.70     2.200     2.200      8.30       750       80.
17 03 75 1310              .3        0.150     0.080      0.14      0.84     0.016     2.300      4.50       464       19.
24 04 75 1310              .3        0.120     0.037      0.02      0.89     0.022     1.600     12.00       490       18.
13 05 75 1230              .3        0.100     0.041      0.03      0.72     0.045     1.600      5.60       554       24.


                      MAXIMUM        0.260     0.170      0.74      1.40     2.200     3.800     12.00       750       80.
           AVG OR GEOM MN (*)        0.140     0.071      0.23      0.91     0.461     2.300      7.58       572       34.
                      MINIMUM        0.068     0.025      0.02      0.70     0.016     1.600      4.50       464       18.

                NO OF SAMPLES            5         5         5         5         5         5         5         5         5



                                        59         5         6         7       107        67        66        45        47        41
SAMP DTE HOUR  STN  STN SAMP  PJ  SULPHATE     TOTAL     SUSP.     DISS.     DISS.   PTSSIUM    SODIUM     TOT C   ORGANIC       COD
DY MO YR LMT   DIST BRG DEPTH                 SOLIDS    SOLIDS    SOLIDS    SOLIDS         K        NA      AS C    C AS C
               FEET      MTRS         MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

14 01 75 1100              .3                   410.     15. L       395
17 02 75 1140              .3                   550.     20.         530
17 03 75 1310              .3                   330.     15. L       315
24 04 75 1310              .3                   340.     15.         325
13 05 75 1230              .3                   390.     20.         370


                      MAXIMUM                   550.     20.         530
           AVG OR GEOM MN (*)                   404.     17. D       387
                      MINIMUM                   330.     15.         315

                NO OF SAMPLES                      5         5         5
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SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: DUTTON DRAIN STATION ID: 16-0072-001-02
SAMPLE POINT: AT CONCESSION ROAD 7 DUNWICH TOWNSHIP SOUTH WEST OF DUTTON
STATION TYPE: RIVER
MAJOR BASIN: GREAT LAKES STORET CODE: 02
MINOR BASIN: LAKE ERIE 003
TERM STREAM: TYRCONNELL CREEK 1860

STN NO 1 LAT LONG U.T.M. 17 0488310.0 4720825.0 4 REGION 01 MILEAGE 5.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
14 01 75 0945			.3		11009	4		60000.	3100.	164.		1.0	11.7	0.5L
17 02 75 1000			.3		11041	4		36000.	200.	160.		0.9	11.0	2.0
17 03 75 1125			.3		11071	6		9000.	1410.	1480.		2.0	12.8	0.6
24 04 75 1250			.3		11131	6 9		19000.	7800.	70000.		10.7	9.8	7.5
13 05 75 1100			.3		11139	6		29000.	230.	90.		12.2	9.0	2.8
11 06 75 1015			.3		11161	6		2200.	410.	150.	0.	17.6	6.2	2.0
22 07 75 1100			.3		11206	6						22.5	3.2	2.8
18 08 75 1100			.3		11252	6		12000.	4000.	720.	4. L	20.1	5.3	2.6
22 09 75 1145			.3		11318	6		12000.	1000.	2600.	4.	13.6	9.2	0.5
27 10 75 1010			.3		11343	6		8200.	800.	172.	4. L	8.2	10.9	1.2
17 11 75 1030			.3		11389	6		4000.	920.	420.	12.	5.8		1.8
08 12 75 1025			.3		11452	6 9		45000.	180.	1360.		1.2	11.8	1.1
MAXIMUM								60000.	7800.	70000.	12.	22.5	12.8	7.5
AVG OR GEOM MN (*)								14273.*	907.*	635.*	4.* D	9.7	9.2	2.1D
MINIMUM								2200.	180.	90.	0.	0.9	3.2	0.5
NO OF SAMPLES								11	11	11	5	12	11	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
14 01 75 0945			.3		0.160	0.110	0.17	1.10	0.042	5.800	58.00	560	22.	
17 02 75 1000			.3		0.068	0.037	0.26	0.91	0.035	4.400	25.00	980	132.	
17 03 75 1125			.3		0.160	0.080	0.14	1.10	0.024	2.200	48.00	410	19.	
24 04 75 1250			.3		0.910	0.210	0.34	3.00	0.081	4.100	320.00	400	23.	
13 05 75 1100			.3		0.063	0.008	0.03	0.97	0.043	1.300	19.00	628	34.	
11 06 75 1015			.3		0.211	0.042	0.07	0.92	0.093	2.250	83.00	660	32.	
22 07 75 1100			.3		0.193	0.061	0.17	1.38	0.059	0.220	59.00	610	56.	
18 08 75 1100			.3		0.148	0.039	0.09	1.15	0.030	0.240	40.00	742	71.	
22 09 75 1145			.3		0.126	0.062	0.03	1.00	0.034	1.800	27.00	402	17.	
27 10 75 1010			.3		0.190	0.093	0.07	1.07	0.030	2.850	33.00	740	30.	
17 11 75 1030			.3		0.078	0.041	0.03	0.68	0.031	1.970	33.00	685	29.	
08 12 75 1025			.3		0.102	0.059	0.09	0.26	0.025	4.700	31.00	720	30.	
MAXIMUM					0.910	0.210	0.34	3.00	0.093	5.800	320.00	980	132.	
AVG OR GEOM MN (*)					0.201	0.070	0.12	1.13	0.044	2.653	64.67	628	41.	
MINIMUM					0.063	0.008	0.03	0.26	0.024	0.220	19.00	400	17.	
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
14 01 75 0945			.3			440.	20.	420						
17 02 75 1000			.3			650.	25.	625						
17 03 75 1125			.3			340.	40.	300						
24 04 75 1250			.3			900.	500.	400						
13 05 75 1100			.3			440.	30.	410						
11 06 75 1015			.3			646.	117.	529						
22 07 75 1100			.3			484.	75.	409						
18 08 75 1100			.3			496.	53.	443						
22 09 75 1145			.3			450.	40.	410						
27 10 75 1010			.3			526.	25.	501						
17 11 75 1030			.3			478.	30.	448						
08 12 75 1025			.3			560.	21.	539						
MAXIMUM						900.	500.	625						
AVG OR GEOM MN (*)						534.	81.	453						
MINIMUM						340.	20.	300						
NO OF SAMPLES						12	12	12						

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SAMPLE INFORMATION SYSTEM        STATION SUMMARY REPORT - RIVER BASINS                         DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: TALBOT CREEK                                                                    STATION ID:   16-0080-002-02
 SAMPLE POINT: AT CONCESSION 9 3 MILES SOUTH OF IONA
 STATION TYPE: RIVER                                       MAJOR BASIN: GREAT LAKES                          STORET CODE: 02
                                                           MINOR BASIN: LAKE ERIE                                         003
                                                           TERM STREAM: TALBOT CREEK                                      1740

STN NO      2       LAT                 LONG               U.T.M. 17 0468525.0 4722825.0 4     REGION 01            MILEAGE    3.60

                                        934       901       444        80        81        84        88       805         3         1
SAMP DTE HOUR  STN  STN SAMP  PJ     SAMPLE       SCD  FLOW CFS     TOTAL     FECAL      M.F.    PSEUD.     WATER     DISS.     5-DAY
DY MO YR LMT   DIST BRG DEPTH            NO                      COLIFORM  COLIFORM    ENTER.       MPA     TEMP.        O2       BOD
               FEET      MTRS                                    MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L

14 01 75 0930              .3         11008    4                    5000.      280.       96.                 1.8      12.2       1.0
17 02 75 0935              .3         11040    4                     236.       28.        4.  L              1.2      11.7       0.6
17 03 75 1100              .3         11070    6                    2700.      820.     5600.                 2.6      13.2       1.0
24 04 75 1235              .3         11130    6                    7500.     3300.    92000.                11.2      11.2       4.5
13 05 75 0940              .3         11138    6                     150.       60.        8.                 7.2      14.2       2.0


                      MAXIMUM                                       7500.     3300.    92000.                11.2      14.2       4.5
            AVG OR GEOM MN (*)                                      1291.*     264.*     275.* D              4.8      12.5       1.8
                      MINIMUM                                        150.       28.        4.                 1.2      11.2       0.6

                NO OF SAMPLES                                          5         5         5                    5         5         5



                                         33        34        19        20        21        22        16        14        56        55
SAMP DTE HOUR  STN  STN SAMP  PJ      TOTAL  FILTERED  FILTERED     TOTAL   NITRITE   NITRATE     TURB.     COND.  CHLORIDE        PH
DY MO YR LMT   DIST BRG DEPTH             P  REACTIVE   AMMONIA  KJELDAHL    NO2-N     NO3-N   FORMAZIN      25C      MG/L    AT LAB
               FEET      MTRS          MG/L    P MG/L      MG/L      MG/L      MG/L      MG/L     UNITS     UMHOS

14 01 75 0930              .3         0.110     0.069      0.08      0.64     0.030     7.200     32.00       540       18.
17 02 75 0935              .3         0.024     0.015      0.02      0.44     0.014     4.900     11.00       700       25.
17 03 75 1100              .3         0.160     0.066      0.22      0.92     0.025     3.800     59.00       394       17.
24 04 75 1235              .3         0.800     0.140      0.22      2.70     0.059     2.100    400.00       406       22.
13 05 75 0940              .3         0.100     0.009      0.03      0.80     0.024     1.000     35.00       572       26.


                      MAXIMUM         0.800     0.140      0.22      2.70     0.059     7.200    400.00       700       26.
            AVG OR GEOM MN (*)        0.239     0.060      0.11      1.10     0.030     3.800    107.40       522       21.
                      MINIMUM         0.024     0.009      0.02      0.44     0.014     1.000     11.00       394       17.

                NO OF SAMPLES             5         5         5         5         5         5         5         5         5



                                         59         5         6         7       107        67        66        45        47        41
SAMP DTE HOUR  STN  STN SAMP  PJ   SULPHATE     TOTAL     SUSP.     DISS.     DISS.   PTSSIUM    SODIUM     TOT C   ORGANIC       COD
DY MO YR LMT   DIST BRG DEPTH                  SOLIDS    SOLIDS    SOLIDS    SOLIDS         K        NA      AS C    C AS C
               FEET      MTRS          MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

14 01 75 0930              .3                   400.       15. L     385
17 02 75 0935              .3                   400.       15.       385
17 03 75 1100              .3                   320.       45.       275
24 04 75 1235              .3                  1100.      800.       300
13 05 75 0940              .3                   480.       50.       430


                      MAXIMUM                  1100.      800.       430
            AVG OR GEOM MN (*)                  540.      185. D     355
                      MINIMUM                   320.       15.       275

                NO OF SAMPLES                      5         5         5
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SAMPLE INFORMATION SYSTEM       STATION SUMMARY REPORT - RIVER BASINS                       DATE OF REPORT  28 OCT 77
 B.O.W./ SITE: KETTLE CREEK                                                                   STATION ID:  16-0087-001-02
 SAMPLE POINT: AT BRIDGE STREET PORT STANLEY
 STATION TYPE: RIVER                                   MAJOR BASIN: GREAT LAKES                               STORET CODE: 02
                                                       MINOR BASIN: LAKE ERIE                                             003
                                                       TERM STREAM: KETTLE CREEK                                          1660

STN NO     1      LAT               LONG               U.T.M. 17 0482440.0 4723450.0 4      REGION 01            MILEAGE    0.30


                                     934       901       444        80        81        84        88      805         3         1
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE       SCD  FLOW CFS     TOTAL     FECAL      M.F.    PSEUD.     WATER     DISS.     5-DAY
DY MO YR LMT   DIST BRG DEPTH           NO                      COLIFORM  COLIFORM    ENTER.       MPA     TEMP.        O2       BOD
               FEET      MTRS                                   MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L

29 01 75 1110              .3        15127   3                42000.     4300.     1500.                    1.0       9.0       5.0
27 02 75 1040              .3        15137   6                40000.     4200.     1300.                    1.0      11.0       6.5
25 03 75 1040              .3        15147   3                24000.     2500.     9000.                    4.0      11.0       1.8
30 04 75 1050              .3        15157   6                 5000.      340.      880.                   13.0      11.0       2.8
28 05 75 1155              .3        15167   6                  600.      330.       12.                   20.0       8.0       2.6
25 06 75 1110              .3        15177   6                12000.      610.      336.                   23.0       6.0       2.0


                      MAXIMUM                                 42000.     4300.     9000.                   23.0      11.0       6.5
           AVG OR GEOM MN (*)                                 10641.*    1207.*     630.*                  10.3       9.3       3.5
                      MINIMUM                                   600.      330.       12.                    1.0       6.0       1.8

                NO OF SAMPLES                                         6         6         6                   6         6         6

                                      33        34        19        20         21        22        16        14        56        55
SAMP DTE HOUR  STN  STN SAMP  PJ     TOTAL  FILTERED  FILTERED     TOTAL   NITRITE   NITRATE     TURB.     COND.  CHLORIDE        PH
DY MO YR LMT   DIST BRG DEPTH            P  REACTIVE   AMMONIA  KJELDAHL     NO2-N     NO3-N  FORMAZIN       25C      MG/L    AT LAB
               FEET      MTRS         MG/L    P MG/L      MG/L      MG/L      MG/L      MG/L     UNITS     UMHOS

29 01 75 1110              .3        0.480    0.160      0.37      1.20      0.077     0.120     75.00       440      24.
27 02 75 1040              .3        0.330    0.200      0.52      1.10      0.083     2.200    140.00       436      34.
25 03 75 1040              .3        0.280    0.084      0.17      1.10      0.031     2.500     91.00       366      13.
30 04 75 1050              .3        0.120    0.025      0.20      0.89      0.070     2.800     32.00       582      31.
28 05 75 1155              .3        0.180    0.032      0.34      1.20      0.230     1.300     33.00       524      32.
25 06 75 1110              .3        0.250    0.093      0.27      1.32      0.237     3.000     92.00       538      32.


                      MAXIMUM        0.480    0.200      0.52      1.32      0.237     3.000    140.00       582      34.
           AVG OR GEOM MN (*)        0.273    0.099      0.31      1.14      0.121     1.987     77.17       481      27.
                      MINIMUM        0.120    0.025      0.17      0.89      0.031     0.120     32.00       366      13.

                NO OF SAMPLES           6         6         6         6         6         6         6         6         6


                                     934        95        52        50        76        61        68        25       60        280
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE   ACIDITY   TOT ALK  HARDNESS    CALCUL     TOTAL    COLOUR    PHENOLS           REACTIVE
DY MO YR LMT   DIST BRG DEPTH           NO      MG/L    AT LAB     CACO3  HARDNESS      IRON     HAZEN            FLUORIDE  SILICATE
               FEET      MTRS                             MG/L      MG/L      MG/L      MG/L     UNITS       UG/L     MG/L   SI MG/L

29 01 75 1110              .3        15127                                                                   2.
27 02 75 1040              .3        15137                                                                   2.
25 03 75 1040              .3        15147
30 04 75 1050              .3        15157                                                                   2.
28 05 75 1155              .3        15167                                                                   1. L
25 06 75 1110              .3        15177


                                      59          5         6         7      107        67        66        45        47        41
SAMP DTE HOUR  STN  STN SAMP  PJ  SULPHATE     TOTAL     SUSP.     DISS.     DISS.   PTSSIUM    SODIUM     TOT C   ORGANIC       COD
DY MO YR LMT   DIST BRG DEPTH                 SOLIDS    SOLIDS    SOLIDS    SOLIDS         K        NA      AS C    C AS C
               FEET      MTRS         MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

29 01 75 1110              .3                 490.       160.        330
27 02 75 1040              .3                 470.       110.        360
25 03 75 1040              .3                 390.       110.        280
30 04 75 1050              .3                 440.        30.        410
28 05 75 1155              .3                 400.        50.        350
25 06 75 1110              .3                 434.       127.        307


                      MAXIMUM                 490.       160.        410
           AVG OR GEOM MN (*)                 437.        97.        340
                      MINIMUM                 390.        30.        280

                NO OF SAMPLES                     6         6         6
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SAMPLE INFORMATION SYSTEM        STATION SUMMARY REPORT - RIVER BASINS                          DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: KETTLE CREEK                                                                     STATION ID:  16-0087-003-02
 SAMPLE POINT: SECOND CONCESSION ROAD NORTH OF ST THOMAS
 STATION TYPE: RIVER                                         MAJOR BASIN: GREAT LAKES                                STORET CODE: 02
                                                             MINOR BASIN: LAKE ERIE                                               003
                                                             TERM STREAM: KETTLE CREEK                                            1660

STN NO      3        LAT                  LONG               U.T.M. 17 0484400.0 4739525.0 4      REGION 01             MILEAGE   18.40


                                          934        901        444         80         81         84         88        805          3          1
SAMP DTE HOUR   STN   STN SAMP  PJ      SAMPLE        SCD  FLOW CFS      TOTAL      FECAL       M.F.     PSEUD.      WATER      DISS.      5-DAY
DY MO YR LMT    DIST BRG DEPTH              NO                        COLIFORM   COLIFORM     ENTER.        MPA      TEMP.         O2        BOD
                FEET        MTRS                                      MF/100ML   MF/100ML   MF/100ML   MF/100ML      DEG C       MG/L       MG/L

29 01 75 0920                 .3         15123     3                    39000.     1140.       1800.                   1.0        9.0        4.5
27 02 75 0900                 .3         15133     6                    19000.     1000.        300.                   1.0       11.0        4.5
25 03 75 0910                 .3         15143     3                    15000.      120.      19000.                   3.0       12.0        1.6
30 04 75 0920                 .3         15153     6                      690.        4.  L       8.                  12.0       10.0        2.2
28 05 75 1010                 .3         15163     6                      240.        4.  L       8.                  23.0        8.0        3.4
25 06 75 0930                 .3         15173     6                      320.      248.        208.                  24.0        8.0        2.4
06 08 75 0910                 .3         15187     6                    11000.     1800.       2100.         0.       22.0        8.0        4.0
28 08 75 0930                 .3         15193     6                    10000.     1810.      13000.         4.       21.0        8.0        2.2
04 11 75 1340                 .3         15223     6                     2000.      310.        620.         4.       15.2        8.9        1.5
01 12 75 1050                 .3         15224     6                    27000.      400.      11000.                   5.8       11.4        1.8


                        MAXIMUM                                         39000.     1810.      19000.         4.       24.0       12.0        4.5
               AVG OR GEOM MN (*)                                        4512.*     216.* D     693.*        3.*      12.8        9.4        2.8
                        MINIMUM                                           240.        4.          8.         0.        1.0        8.0        1.5

                NO OF SAMPLES                                              10         10         10          3         10         10         10

                                           33         34         19         20         21         22         16         14         56         55
SAMP DTE HOUR   STN   STN SAMP  PJ      TOTAL   FILTERED   FILTERED      TOTAL    NITRITE    NITRATE      TURB.      COND.   CHLORIDE         PH
DY MO YR LMT    DIST BRG DEPTH              P   REACTIVE    AMMONIA   KJELDAHL     NO2-N      NO3-N   FORMAZIN        25C       MG/L     AT LAB
                FEET        MTRS         MG/L     P MG/L       MG/L       MG/L       MG/L       MG/L      UNITS      UMHOS

29 01 75 0920                 .3         0.230      0.079      0.14       0.82      0.035      0.150      32.00        396        13.
27 02 75 0900                 .3         0.190      0.100      0.25       0.96      0.038      2.500      54.00        430        14.
25 03 75 0910                 .3         0.270      0.068      0.16       1.10      0.051      2.400      96.00        420        20.
30 04 75 0920                 .3         0.096      0.011      0.03       0.64      0.024      2.500      88.00        518        21.
28 05 75 1010                 .3         0.140      0.016      0.19       1.40      0.043      0.270      19.00        477        19.
25 06 75 0930                 .3         0.166      0.015      0.16       1.56      0.124      3.120      37.00        512        18.
06 08 75 0910                 .3         0.328      0.082      0.22       1.78      0.094      1.150     110.00        332        14.
28 08 75 0930                 .3         0.174      0.077      0.03       1.01      0.162      2.600      41.00        520        17.
04 11 75 1340                 .3         0.137      0.028      0.06       0.92      0.027      1.430      40.00        640        20.
01 12 75 1050                 .3         0.208      0.073      0.11       0.91      0.031      4.150      44.00        630        24.


                        MAXIMUM          0.328      0.100      0.25       1.78      0.162      4.150     110.00        640        24.
               AVG OR GEOM MN (*)        0.194      0.055      0.14       1.11      0.063      2.027      56.10        488        18.
                        MINIMUM          0.096      0.011      0.03       0.64      0.024      0.150      19.00        332        13.

                NO OF SAMPLES              10         10         10         10         10         10         10         10         10

                                          934         95         52         50         76         61         68         25         60        280
SAMP DTE HOUR   STN   STN SAMP  PJ      SAMPLE    ACIDITY   TOT ALK    HARDNESS     CALCUL      TOTAL     COLOUR    PHENOLS              REACTIVE
DY MO YR LMT    DIST BRG DEPTH              NO       MG/L    AT LAB      CACO3   HARDNESS       IRON      HAZEN               FLUORIDE   SILICATE
                FEET        MTRS                               MG/L       MG/L       MG/L       MG/L      UNITS       UG/L       MG/L    SI MG/L

29 01 75 0920                 .3         15123                                                                          1.
27 02 75 0900                 .3         15133                                                                          2.
25 03 75 0910                 .3         15143                                                                          1. L
30 04 75 0920                 .3         15153                                                                          1. L
28 05 75 1010                 .3         15163                                                                          1. L
25 06 75 0930                 .3         15173                                                                          1. L
06 08 75 0910                 .3         15187                                                                          1.
28 08 75 0930                 .3         15193                                                                          1. L
04 11 75 1340                 .3         15223                                                                          1. L


                        MAXIMUM                                                                                         2.
               AVG OR GEOM MN (*)                                                                                       1. D
                        MINIMUM                                                                                         1.

                NO OF SAMPLES                                                                                            9

                                           59          5          6          7        107         67         66         45         47         41
SAMP DTE HOUR   STN   STN SAMP  PJ   SULPHATE      TOTAL      SUSP.      DISS.      DISS.    PTSSIUM     SODIUM      TOT C    ORGANIC        COD
DY MO YR LMT    DIST BRG DEPTH                    SOLIDS     SOLIDS     SOLIDS     SOLIDS          K         NA       AS C     C AS C
                FEET        MTRS         MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L

29 01 75 0920                 .3                    370.        80.        290
27 02 75 0900                 .3
25 03 75 0910                 .3                    430.        95.        335
30 04 75 0920                 .3
28 05 75 1010                 .3                    290.        30.        260
25 06 75 0930                 .3                    408.        49.        359
06 08 75 0910                 .3                    348.       126.        222
28 08 75 0930                 .3
04 11 75 1340                 .3


                        MAXIMUM                     430.       126.        359
               AVG OR GEOM MN (*)                   369.        76.        293
                        MINIMUM                     290.        30.        222

                NO OF SAMPLES                          5          5          5
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SAMPLE INFORMATION SYSTEM      STATION SUMMARY REPORT - RIVER BASINS                      DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: DODD CREEK                                                                  STATION ID:  16-0087-004-02
 SAMPLE POINT: FIRST CONCESSION NORTH OF HIGHWAY 3
 STATION TYPE: RIVER                                           MAJOR BASIN: GREAT LAKES                     STORET CODE: 02
                                                               MINOR BASIN: LAKE ERIE                                    003
                                                               TERM STREAM: KETTLE CREEK                                 1660

STN NO     4       LAT                   LONG                U.T.M. 17 0477275.0 4740275.0 4      REGION 01            MILEAGE   22.60

                                        934        901        444         80         81         84         88        805          3          1
SAMP DTE HOUR  STN  STN SAMP  PJ     SAMPLE        SCD   FLOW CFS      TOTAL      FECAL       M.F.     PSEUD.      WATER      DISS.      5-DAY
DY MO YR LMT   DIST BRG DEPTH            NO                         COLIFORM   COLIFORM     ENTER.        MPA      TEMP.         O2        BOD
               FEET      MTRS                                       MF/100ML   MF/100ML   MF/100ML   MF/100ML      DEG C       MG/L       MG/L

29 01 75 0845              .3         15121          3                33000.      9000.      4200.                   1.0        9.0        5.0
27 02 75 0820              .3         15131          6                20000.      4400.       700.                   1.0       11.0
25 03 75 0845              .3         15141          3                11000.       450.      3500.                   3.0       11.0        1.8
30 04 75 0845              .3         15151          6                  300.        60.         4.                  11.0       10.0      18.0G
28 05 75 0930              .3         15161          0                 1000.       540.        40.                  18.0        7.0       17.0
25 06 75 0900              .3         15171          6                 2300.      1000.      1640.                  20.0        6.0        6.4


                      MAXIMUM                                         33000.      9000.      4200.                  20.0       11.0       18.0
           AVG OR GEOM MN (*)                                         4137.*      912.*      373.*                   9.0        9.0       9.6U
                      MINIMUM                                           300.        60.         4.                   1.0        6.0        1.8

                NO OF SAMPLES                                              6          6          6                     6          6          5

                                         33         34         19         20         21         22         16         14         56         55
SAMP DTE HOUR  STN  STN SAMP  PJ      TOTAL   FILTERED   FILTERED      TOTAL    NITRITE    NITRATE      TURB.      COND.   CHLORIDE         PH
DY MO YR LMT   DIST BRG DEPTH             P   REACTIVE    AMMONIA   KJELDAHL      NO2-N      NO3-N   FORMAZIN        25C       MG/L     AT LAB
               FEET      MTRS          MG/L     P MG/L       MG/L       MG/L       MG/L       MG/L      UNITS      UMHOS

29 01 75 0845              .3         0.330      0.140       0.33       1.20      0.038      0.070      28.00        320        11.
27 02 75 0820              .3
25 03 75 0845              .3         0.350      0.092       0.19       1.40      0.039      3.900      85.00        398        15.
30 04 75 0845              .3         0.140      0.140       0.32       0.89      0.200      1.300      12.00        642        33.
28 05 75 0930              .3         0.310      0.054       0.21       1.90      0.016      0.020      13.00        680        69.
25 06 75 0900              .3         0.220      0.024       0.04       1.25      0.063      0.490      43.00        614        55.


                      MAXIMUM         0.350      0.140       0.33       1.90      0.200      3.900      85.00        680        69.
           AVG OR GEOM MN (*)         0.270      0.090       0.22       1.33      0.071      1.156      36.20        531        36.
                      MINIMUM         0.140      0.024       0.04       0.89      0.016      0.020      12.00        320        11.

                NO OF SAMPLES             5          5          5          5          5          5          5          5          5

                                        934         95         52         50         76         61         68         25         60        280
SAMP DTE HOUR  STN  STN SAMP  PJ     SAMPLE    ACIDITY    TOT ALK   HARDNESS     CALCUL      TOTAL     COLOUR    PHENOLS              REACTIVE
DY MO YR LMT   DIST BRG DEPTH            NO       MG/L     AT LAB      CACO3   HARDNESS       IRON      HAZEN               FLUORIDE   SILICATE
               FEET      MTRS                                MG/L       MG/L       MG/L       MG/L      UNITS       UG/L       MG/L    SI MG/L

29 01 75 0845              .3         15121                                                                        3.
25 03 75 0845              .3         15141                                                                        1. L
30 04 75 0845              .3         15151                                                                        5.
28 05 75 0930              .3         15161                                                                        4.
25 06 75 0900              .3         15171                                                                        3.


                      MAXIMUM                                                                                      5.
           AVG OR GEOM MN (*)                                                                                      3. D
                      MINIMUM                                                                                      1.

                NO OF SAMPLES                                                                                       5
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SAMPLE INFORMATION SYSTEM       STATION SUMMARY REPORT - RIVER BASINS                      DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: DODD CREEK                                                                      STATION ID:  16-0087-005-02
 SAMPLE POINT: FIRST CONCESSION SOUTH EAST OF PAYNES MILLS
 STATION TYPE: RIVER                                     MAJOR BASIN: GREAT LAKES                          STORET CODE: 02
                                                        MINOR BASIN: LAKE ERIE                                         003
                                                        TERM STREAM: KETTLE CREEK                                      1660

STN NO     5      LAT               LONG                 U.T.M. 17 0478100.0 4737050.0 4    REGION 01             MILEAGE   18.80

                                     934       901       444          80         81         84         88        805          3          1
SAMP DTE HOUR  STN  STN SAMP   PJ   SAMPLE       SCD  FLOW CFS     TOTAL     FECAL      M.F.    PSEUD.      WATER     DISS.     5-DAY
DY MO YR LMT   DIST BRG DEPTH          NO                      COLIFORM  COLIFORM    ENTER.       MPA      TEMP.        O2       BOD
               FEET      MTRS                                   MF/100ML  MF/100ML  MF/100ML  MF/100ML      DEG C      MG/L      MG/L

29 01 75 0825              .3       15120    3                   5600.     1200.      580.                  1.0      10.0        4.0
27 02 75 0800              .3       15130    6                  12000.     1100.      100.                  1.0      11.0
25 03 75 0830              .3       15140    3                  13000.      180.     6800.                  3.0      11.0        1.2
30 04 75 0820              .3       15150    6                   1560.      150.      100.                 12.0      10.0        3.2
28 05 75 0910              .3       15160    6                    270.      270.      132.                 19.0       7.0        5.5
25 06 75 0850              .3       15170    6                   1000.      900.     2000.                 21.0       6.0        4.1


                      MAXIMUM                                   13000.     1200.     6800.                 21.0      11.0        5.5
           AVG OR GEOM MN (*)                                    2677.*     453.*     467.*                 9.5       9.2        3.6
                      MINIMUM                                     270.      150.      100.                  1.0       6.0        1.2

                NO OF SAMPLES                                          6         6         6                   6         6          5




                                       33        34        19         20        21        22        16         14       56          55
SAMP DTE HOUR  STN  STN SAMP   PJ      TOTAL  FILTERED FILTERED     TOTAL  NITRITE   NITRATE    TURB.      COND. CHLORIDE         PH
DY MO YR LMT   DIST BRG DEPTH              P  REACTIVE  AMMONIA  KJELDAHL    NO2-N     NO3-N  FORMAZIN     25C     MG/L     AT LAB
               FEET      MTRS           MG/L    P MG/L     MG/L      MG/L     MG/L      MG/L    UNITS      UMHOS

29 01 75 0825              .3         0.220     0.097     0.17      0.82    0.034     0.200     41.00      484     21.
27 02 75 0800              .3
25 03 75 0830              .3         0.230     0.085     0.13      0.85    0.025     3.600     37.00      394     13.
30 04 75 0820              .3         0.100     0.031     0.03      0.61    0.057     2.000     17.00      594     10.
28 05 75 0910              .3         0.220     0.027     0.24      1.50    0.051     0.340     33.00      688     57.
25 06 75 0850              .3         0.380     0.099     0.16      1.15    0.136     2.600    140.00      570     36.


                      MAXIMUM         0.380     0.099     0.24      1.50    0.136     3.600    140.00      688     57.
           AVG OR GEOM MN (*)         0.230     0.068     0.15      0.99    0.061     1.748     53.60      546     27.
                      MINIMUM         0.100     0.027     0.03      0.61    0.025     0.200     17.00      394     10.

                NO OF SAMPLES             5         5         5         5        5         5         5         5        5
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SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 7

B.O.W./ SITE: BEAVER CREEK
SAMPLE POINT: AT POND OUTLET COMMUNITY OF UNION
STATION TYPE: RIVER

STATION ID: 16-0087-006-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: KETTLE CREEK

STORET CODE: 02
003
1660

STN NO 6   LAT   LONG   U.T.M. 17 0483800.0 4728150.0 4   REGION 01   MILEAGE 4.60

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
29 01 75 1135			.3		15128	3		81000.	14200.	73000.		1.0	10.0	3.0
27 02 75 1100			.3		15138	6		14000.	800.	600.		1.0	11.0	
25 03 75 1100			.3		15148	3		15000.	520.	4200.		12.0	12.0	1.4
30 04 75 1110			.3		15158	6		4900.	210.	110.		13.0	10.0	1.8
28 05 75 1210			.3		15168	6		770.	350.	44.		21.0	7.0	4.2
25 06 75 1130			.3		15178	6		2400.	410.	88.		24.0	13.0	4.7
06 08 75 1110			.3		15190	3		64000.	3700.	9000.	7200.	20.0	8.0	1.6
28 08 75 1220			.3		15200	6		20000.	930.	170.	0.	20.0	8.0	3.4
30 09 75 1215			.3		15211	6		1400.	460.	200.	4. L	15.0	10.5	1.3
04 11 75 1155			.3		15218	6		1600.	192.	84.	4. L	12.3	7.5	1.3
01 12 75 1245			.3		15228	6		10000.	310.	6200.		4.2	11.0	1.1
MAXIMUM								81000.	14200.	73000.	7200.	24.0	13.0	4.7
AVG OR GEOM MN (*)								7530.*	690.*	671.*	18.* D	13.0	9.8	2.4
MINIMUM								770.	192.	44.	0.	1.0	7.0	1.1
NO OF SAMPLES								11	11	11	4	11	11	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
29 01 75 1135			.3		0.400	0.150	0.40	1.60	0.044	0.060	84.00	326	15.	
27 02 75 1100			.3											
25 03 75 1100			.3		0.240	0.063	0.15	1.10	0.027	0.063	78.00	442	17.	
30 04 75 1110			.3		0.096	0.011	0.05	0.62	0.020	1.300	24.00	552	26.	
28 05 75 1210			.3		0.110	0.007	0.11	1.00	0.060	0.670	9.10	520	17.	
25 06 75 1130			.3		0.165	0.005	0.01 L	1.43	0.063	0.790	12.00	494	17.	
06 08 75 1110			.3		0.336	0.082	0.12	1.21	0.046	0.420	93.00	369	13.	
28 08 75 1220			.3		0.158	0.065	0.02	0.97	0.193	0.820	22.00	485	14.	
30 09 75 1215			.3		0.080	0.026	0.03	0.56	0.035	1.410	19.00	586	17.	
04 11 75 1155			.3		0.056	0.013	0.05	0.59	0.020	1.510	9.60	605	19.	
01 12 75 1245			.3		0.090	0.027	0.12	0.77	0.025	1.360	20.00	610	20.	
MAXIMUM					0.400	0.150	0.40	1.60	0.193	1.510	93.00	610	26.	
AVG OR GEOM MN (*)					0.173	0.045	0.11 D	0.99	0.053	0.840	37.07	499	17.	
MINIMUM					0.056	0.005	0.01	0.56	0.020	0.060	9.10	326	13.	
NO OF SAMPLES					10	10	10	10	10	10	10	10	10	

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SAMPLE INFORMATION SYSTEM       STATION SUMMARY REPORT - RIVER BASINS                        DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: KETTLE CREEK                                                                     STATION ID:  16-0087-007-02
 SAMPLE POINT: FIRST CONCESSION SOUTH WEST OF BELMONT
 STATION TYPE: RIVER                                    MAJOR BASIN: GREAT LAKES                               STORET CODE: 02
                                                        MINOR BASIN: LAKE ERIE                                              003
                                                        TERM STREAM: KETTLE CREEK                                           1660

STN NO     7      LAT               LONG                 U.T.M. 17 0491500.0 4746650.0 4     REGION 01             MILEAGE   27.60


                                     934       901       444        80        81        84         88      805         3         1
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE       SCD  FLOW CFS     TOTAL    FECAL       M.F.    PSEUD.     WATER     DISS.     5-DAY
DY MO YR LMT   DIST BRG DEPTH           NO                      COLIFORM  COLIFORM      ENTER.       MPA     TEMP.        O2       BOD
                FEET     MTRS                                  MF/100ML  MF/100ML  MF/100ML  MF/100ML      DEG C      MG/L      MG/L

29 01 75 0935              .3       15124    3                 16000E+1   4000.      620.                  1.0       9.0       6.5
27 02 75 0920              .3       15134    6                 19000.      300.      300.                  1.0      12.0
25 03 75 0940              .3       15144    3                 12000.      150.     6500.                  4.0      12.0       2.5
30 04 75 0935              .3       15154    6                  1630.      980.        8.                 12.0      10.0       4.4
28 05 75 1025              .3       15164    6                 20000E+1   5200.      176.                 19.0       8.0       5.0
25 06 75 0945              .3       15174    6                 45000.     1000.     5300.                 25.0       7.0       3.2
06 08 75 0945              .3       15188    6                 86000E+2  38000E+1  51000E+1      0.       19.0       6.0       4.0
28 08 75 0955              .3       15194    6                 11700E+1   8100.    15000.       32.       18.0       6.0       1.8
30 09 75 0920              .3       15205    6                 10000E+1   7000.    60000.       28.       13.0       8.5       2.4
04 11 75 0945              .3       15213    6                 19000.     2400.     2600.      100.       13.0       8.4       2.1
01 12 75 1500              .3       15234    6                 22000.     1900.    20000.                  3.5      13.2       1.6


                      MAXIMUM                                  86000E+2  38000E+1  51000E+1    100.       25.0      13.2       6.5
           AVG OR GEOM MN (*)                                  57448.*    2822.*    3053.*      17.*      11.7       9.1       3.4
                      MINIMUM                                   1630.      150.        8.        0.        1.0       6.0       1.6

                NO OF SAMPLES                                        11        11        11         4        11        11        10




                                      33        34         19       20        21        22         16        14       56        55
SAMP DTE HOUR  STN  STN SAMP  PJ     TOTAL  FILTERED   FILTERED    TOTAL    NITRITE  NITRATE     TURB.      COND. CHLORIDE         PH
DY MO YR LMT   DIST BRG DEPTH            P  REACTIVE    AMMONIA KJELDAHL     NO2-N     NO3-N  FORMAZIN       25C      MG/L     AT LAB
                FEET     MTRS         MG/L    P MG/L       MG/L     MG/L      MG/L      MG/L     UNITS      UMHOS

29 01 75 0935              .3       0.480     0.170     0.40      1.40      0.048     0.050     88.00       244      16.
27 02 75 0920              .3
25 03 75 0940              .3       0.560     0.120     0.21      0.80      0.039     3.600    170.00       372      16.
30 04 75 0935              .3       0.044     0.004     0.04      0.71      0.025     1.900      3.50       536      45.
28 05 75 1025              .3       0.290     0.150     0.01 L    1.10      0.088     0.200      2.00       570      22.
25 06 75 0945              .3       0.240     0.129     0.89      1.84      0.114     1.680     13.00       614      21.
06 08 75 0945              .3       0.350     0.194     0.04      1.56      0.104     1.140     17.00       578      35.
28 08 75 0955              .3       0.196     0.115     0.01      1.01      0.110     1.490     60.00       620      20.
30 09 75 0920              .3       0.127     0.071     0.21      0.89      0.047     2.090     30.00       675      21.
04 11 75 0945              .3       0.130     0.057     0.98      1.75      0.045     2.390     14.00       680      30.
01 12 75 1500              .3       0.112     0.055     0.15      0.97      0.035     4.700     17.00       680      24.


                      MAXIMUM       0.560     0.194     0.98      1.84      0.114     4.700    170.00       680      45.
           AVG OR GEOM MN (*)       0.253     0.107     0.29 D    1.20      0.066     1.924     41.45       557      25.
                      MINIMUM       0.044     0.004     0.01      0.71      0.025     0.050      2.00       244      16.

                NO OF SAMPLES         10        10        10        10        10        10        10        10        10
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SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: KETTLE CREEK STATION ID: 16-0087-008-02
SAMPLE POINT: FIRST CONCESSION DOWNSTREAM OF ST THOMAS
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: KETTLE CREEK

STORET CODE: 02
003
1660

STN NO 8 LAT LONG U.T.M. 17 0480640.0 4729800.0 4 REGION 01 MILEAGE 8.30

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
29 01 75 1200			.3		15129	3	623.	68000E+1	26000.	6900.		1.0	8.0	11.0
27 02 75 1130			.3		15139	6	212.	36000.	2700.	1100.		1.0	12.0	
25 03 75 1130			.3		15149	3	709.	21000.	3300.	4100.		4.0	10.0	2.5
30 04 75 1140			.3		15159	6	51.0	13000.	2300.	24.		12.0	10.0	2.8
28 05 75 1225			.3		15169	6	18.9	16000.	580.	36.		22.0	7.0	7.5
25 06 75 1145			.3		15179	6	58.8	31000.	320.	284.		23.0	8.0	2.3
MAXIMUM							709.	68000E+1	26000.	6900.		23.0	12.0	11.0
AVG OR GEOM MN (*)							278.8	38613.*	2151.*	444.*		10.5	9.2	5.2
MINIMUM							18.9	13000.	320.	24.		1.0	7.0	2.3
NO OF SAMPLES							6	6	6	6		6	6	5

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
29 01 75 1200			.3		0.940	0.260	0.49	2.30	0.170	0.010	170.00	356	31.	
27 02 75 1130			.3											
25 03 75 1130			.3		0.500	0.110	0.24	1.40	0.047	0.110	170.00	366	18.	
30 04 75 1140			.3		0.091	0.027	0.30	0.90	0.061	3.000	12.00	586	19.	
28 05 75 1225			.3		0.240	0.069	1.40	2.50	0.390	1.400	9.40	572	42.	
25 06 75 1145			.3		0.240	0.087	0.19	0.75	0.200	3.790	110.00	522	28.	
MAXIMUM					0.940	0.260	1.40	2.50	0.390	3.790	170.00	586	42.	
AVG OR GEOM MN (*)					0.402	0.111	0.52	1.57	0.174	1.662	94.28	480	27.	
MINIMUM					0.091	0.027	0.19	0.75	0.047	0.010	9.40	356	18.	
NO OF SAMPLES					5	5	5	5	5	5	5	5	5	

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
29 01 75 1200			.3		15129							2.		
25 03 75 1130			.3		15149							1. L		
30 04 75 1140			.3		15159							3.		
28 05 75 1225			.3		15169							2.		
25 06 75 1145			.3		15179							1.		
MAXIMUM												3.		
AVG OR GEOM MN (*)												1. D		
MINIMUM												1.		
NO OF SAMPLES												5		

SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

B.O.W./ SITE: KETTLE CREEK
SAMPLE POINT: AT COUNTY ROAD 26 ST THOMAS
STATION TYPE: RIVER

STATION ID: 16-0087-009-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: KETTLE CREEK

STORET CODE: 02
003
1660

STN NO 9   LAT   LONG   U.T.M. 17 0483450.0 4736750.0 4   REGION 01   MILEAGE 14.00

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
29 01 75	0855			.3		15122	3		16800E+1	10000.	3500.		1.0	10.0	6.0
27 02 75	0840			.3		15132	6		15000.	2100.	1700.		1.0	12.0	5.5
25 03 75	0900			.3		15142	3		18000.	620.	10300.		3.0	12.0	2.0
30 04 75	0905			.3		15152	6		1160.	270.	24.		11.0	9.0	2.6
28 05 75	0955			.3		15162	6		2000.	280.	48.		20.0	7.0	3.2
25 06 75	0910			.3		15172	6		10000.	360.	260.		23.0	8.0	1.8
06 08 75	0845			.3		15186	6		54000.	1200.	4000.	560.	22.0	8.0	4.4
28 08 75	0900			.3		15192	6		20000.	640.	540.	0.	19.0	8.0	2.6
30 09 75	0845			.3		15203	6		10000.	850.	610.	8.	14.0	9.0	2.6
04 11 75	1320			.3		15222	6		1700.	76.	108.		11.8	12.2	3.0
01 12 75	1130			.3		15225	6		31000.	5200.	8500.		2.6	13.0	1.9
MAXIMUM									16800E+1	10000.	10300.	560.	23.0	13.0	6.0
AVG OR GEOM MN (*)									11766.*	804.*	707.*	16.*	11.7	9.8	3.2
MINIMUM									1160.	76.	24.	0.	1.0	7.0	1.8
NO OF SAMPLES									11	11	11	3	11	11	11

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
29 01 75	0855			.3		0.310	0.270	0.49	1.50	0.085	0.040	130.00	292	21.	
27 02 75	0840			.3		0.310	0.190	0.43	1.20	0.061	2.100	140.00	326	14.	
25 03 75	0900			.3		0.280	0.090	0.15	1.20	0.045	2.800	100.00	388	18.	
30 04 75	0905			.3		0.072	0.017	0.05	0.70	0.037	2.800	27.00	520	34.	
28 05 75	0955			.3		0.078	0.008	0.09	0.84	0.055	0.400	7.30	433	22.	
25 06 75	0910			.3		0.139	0.035	0.15	1.17	0.148	3.150	17.00	448	18.	
06 08 75	0845			.3		0.288	0.035	0.15	1.82	0.069	0.610	150.00	416	33.	
28 08 75	0900			.3		0.262	0.145	0.06	1.06	0.056	1.510	54.00	360	13.	
30 09 75	0845			.3		0.095	0.017	0.10	0.85	0.060	2.800	29.00	613	20.	
04 11 75	1320			.3		0.078	0.004	0.03	0.97	0.030	0.840	3.10	600	23.	
01 12 75	1130			.3		0.133	0.057	0.20	0.87	0.025	1.800	28.00	640	25.	
MAXIMUM						0.310	0.270	0.49	1.82	0.148	3.150	150.00	640	34.	
AVG OR GEOM MN (*)						0.186	0.079	0.17	1.11	0.061	1.714	62.31	458	21.	
MINIMUM						0.072	0.004	0.03	0.70	0.025	0.040	3.10	292	13.	
NO OF SAMPLES						11	11	11	11	11	11	11	11	11	

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
29 01 75	0855			.3			470.	220.	250						
27 02 75	0840			.3			400.	110.	290						
25 03 75	0900			.3			400.	70.	330						
30 04 75	0905			.3			400.	25.	375						
28 05 75	0955			.3			250.	15.	235						
25 06 75	0910			.3			330.	34.	296						
06 08 75	0845			.3			494.	189.	305						
28 08 75	0900			.3			328.	64.	264						
30 09 75	0845			.3			450.	44.	406						
04 11 75	1320			.3			428.	7.	421						
01 12 75	1130			.3			430.	36.	394						
MAXIMUM							494.	220.	421						
AVG OR GEOM MN (*)							398.	74.	324						
MINIMUM							250.	7.	235						
NO OF SAMPLES							11	11	11						

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SAMPLE INFORMATION SYSTEM       STATION SUMMARY REPORT - RIVER BASINS                        DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: KETTLE CREEK                                                                      STATION ID:  16-0087-010-02
 SAMPLE POINT: FIRST BRIDGE ABOVE PORT STANLEY
 STATION TYPE: RIVER                                        MAJOR BASIN: GREAT LAKES                           STORET CODE: 02
                                                            MINOR BASIN: LAKE ERIE                                          003
                                                            TERM STREAM: KETTLE CREEK                                       1660

STN NO      10       LAT                 LONG                U.T.M. 17 0482175.0 4726500.0 4     REGION 01              MILEAGE     3.00

                                       934       901       444        80        81        84        88       805         3         1
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE       SCD  FLOW CFS     TOTAL     FECAL      M.F.    PSEUD.     WATER     DISS.     5-DAY
DY MO YR LMT   DIST BRG DEPTH           NO                      COLIFORM  COLIFORM    ENTER.       MPA     TEMP.        02       BOD
               FEET      MTRS                                   MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L

31 07 75 1225              .3        15184   6                      600.      130.       32.        0.      25.0      10.5       2.6
28 08 75 1205              .3        15199   6                    31000.     5600.      610.      188.      21.0       9.5       3.0
30 09 75 1145              .3        15210   6                     4000.     1200.      380.        8.      15.0       8.0       1.4
04 11 75 1210              .3        15219   6                    41000.    18000.      880.      136.      14.0      10.6       5.2
01 12 75 1305              .3        15229   6                    38000.     1700.     3900.                 2.9      12.4       2.7


                      MAXIMUM                                     41000.    18000.     3900.      188.      25.0      12.4       5.2
           AVG OR GEOM MN (*)                                     10299.*    1929.*     480.*      21.*     15.6      10.2       3.0
                      MINIMUM                                       600.      130.       32.        0.       2.9       8.0       1.4

                NO OF SAMPLES                                          5         5         5         4         5         5         5




                                        33        34        19        20        21        22        16        14        56        55
SAMP DTE HOUR  STN  STN SAMP  PJ     TOTAL  FILTERED  FILTERED     TOTAL   NITRITE   NITRATE     TURB.     COND.  CHLORIDE        PH
DY MO YR LMT   DIST BRG DEPTH            P  REACTIVE   AMMONIA  KJELDAHL     NO2-N     NO3-N  FORMAZIN       25C      MG/L    AT LAB
               FEET      MTRS         MG/L    P MG/L      MG/L      MG/L      MG/L      MG/L     UNITS     UMHOS

31 07 75 1225              .3        0.180     0.066      0.03      0.85     0.097     2.850     34.00       544       37.
28 08 75 1205              .3        0.312     0.127      0.03      1.03     0.051     2.650     76.00       518        2.
30 09 75 1145              .3        0.135     0.083      0.03      0.68     0.065     3.290     29.00       683       31.
04 11 75 1210              .3        0.170     0.099      0.01      0.75     0.147     2.010     11.00       650       35.
01 12 75 1305              .3        0.204     0.066      0.12      1.01     0.063     3.000     35.00       660       32.


                      MAXIMUM        0.312     0.127      0.12      1.03     0.147     3.290     76.00       683       37.
           AVG OR GEOM MN (*)        0.200     0.088      0.04      0.86     0.085     2.760     37.00       611       27.
                      MINIMUM        0.135     0.066      0.01      0.68     0.051     2.010     11.00       518        2.

                NO OF SAMPLES            5         5         5         5         5         5         5         5         5




                                       934        95        52        50        76        61        68        25        60       280
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE   ACIDITY   TOT ALK  HARDNESS    CALCUL     TOTAL    COLOUR   PHENOLS             REACTIVE
DY MO YR LMT   DIST BRG DEPTH           NO      MG/L    AT LAB     CACO3  HARDNESS      IRON     HAZEN             FLUORIDE  SILICATE
               FEET      MTRS                             MG/L      MG/L      MG/L      MG/L     UNITS      UG/L      MG/L   SI MG/L

31 07 75 1225              .3        15184                                                                    1.
28 08 75 1205              .3        15199                                                                    1. L
30 09 75 1145              .3        15210                                                                    1. L
04 11 75 1210              .3        15219                                                                    1. L
01 12 75 1305              .3        15229                                                                    1. L


                      MAXIMUM                                                                                 1.
           AVG OR GEOM MN (*)                                                                                 1. D
                      MINIMUM                                                                                 1.

                NO OF SAMPLES                                                                                   5




                                        59         5         6         7       107        67        66        45        47        41
SAMP DTE HOUR  STN  STN SAMP  PJ  SULPHATE     TOTAL     SUSP.     DISS.     DISS.   PTSSIUM    SODIUM     TOT C   ORGANIC       COD
DY MO YR LMT   DIST BRG DEPTH                 SOLIDS    SOLIDS    SOLIDS    SOLIDS         K        NA      AS C    C AS C
               FEET      MTRS          MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

31 07 75 1225              .3                  408.       96.       312
28 08 75 1205              .3                  480.      115.       365
30 09 75 1145              .3                  512.       38.       474
04 11 75 1210              .3                  456.       18.       438
01 12 75 1305              .3                  474.       57.       417


                      MAXIMUM                  512.      115.       474
           AVG OR GEOM MN (*)                  466.       64.       401
                      MINIMUM                  408.       18.       312

                NO OF SAMPLES                     5         5         5
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SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

B.O.W./ SITE: KETTLE CREEK TRIBUTARY
SAMPLE POINT: 2 MILES EAST OF UNION
STATION TYPE: RIVER

STATION ID: 16-0087-011-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: KETTLE CREEK

STORET CODE: 02
003
1660

STN NO 11   LAT   LONG   U.T.M. 17 0487850.0 4727900.0 4   REGION 01   MILEAGE 9.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
31 07 75 1150			.3		15183	6		11000.	9100.	1430.		18.0	10.0	0.8
28 08 75 1145			.3		15198	6		16000.	5200.	590.	0.	18.0	9.0	0.4
30 09 75 1130			.3		15209	6		4800.	760.	700.	36.	14.0	10.0	0.8
04 11 75 1130			.3		15217	6		3900.	440.	2300.		12.1	10.2	0.8
01 12 75 1325			.3		15230	6		2300.	130.	3600.	36.	3.3	12.7	0.7
MAXIMUM								16000.	9100.	3600.	36.	18.0	12.7	0.8
AVG OR GEOM MN (*)								5969.*	1155.*	1374.*	11.*	13.1	10.4	0.7
MINIMUM								2300.	130.	590.	0.	3.3	9.0	0.4
NO OF SAMPLES								5	5	5	3	5	5	5

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
31 07 75 1150			.3		0.094	0.054	0.01	0.46	0.039	1.340	3.90	560	12.	
28 08 75 1145			.3		0.094	0.044	0.01	0.49	0.079	1.290	12.00	502	13.	
30 09 75 1130			.3		0.047	0.023	0.01	0.42	0.028	1.970	5.60	597	14.	
04 11 75 1130			.3		0.051	0.019	0.02	0.47	0.024	1.860	5.00	600	18.	
01 12 75 1325			.3		0.059	0.023	0.04	0.42	0.015	2.060	9.40	600	18.	
MAXIMUM					0.094	0.054	0.04	0.49	0.079	2.060	12.00	600	18.	
AVG OR GEOM MN (*)					0.069	0.033	0.02	0.45	0.037	1.704	7.18	572	15.	
MINIMUM					0.047	0.019	0.01	0.42	0.015	1.290	3.90	502	12.	
NO OF SAMPLES					5	5	5	5	5	5	5	5	5	

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SAMPLE INFORMATION SYSTEM        STATION SUMMARY REPORT - RIVER BASINS                       DATE OF REPORT  28 OCT 77

B.O.W./ SITE: KETTLE CREEK                                                                      STATION ID:  16-0087-012-02
SAMPLE POINT: AT ELGIN COUNTY ROAD 45
 STATION TYPE: RIVER                                          MAJOR BASIN: GREAT LAKES                            STORET CODE: 02
                                                              MINOR BASIN: LAKE ERIE                                           003
                                                              TERM STREAM: KETTLE CREEK                                        1660

STN NO      12        LAT                 LONG                 U.T.M. 17 0482550.0 4731350.0 4     REGION 01            MILEAGE   10.60


                                         934        901        444         80         81         84         88        805          3          1
SAMP DTE HOUR  STN  STN SAMP  PJ      SAMPLE        SCD   FLOW CFS      TOTAL      FECAL       M.F.     PSEUD.      WATER      DISS.      5-DAY
DY MO YR LMT   DIST BRG DEPTH             NO                         COLIFORM   COLIFORM     ENTER.        MPA      TEMP.         O2        BOD
               FEET      MTRS                                        MF/100ML   MF/100ML   MF/100ML   MF/100ML      DEG C       MG/L       MG/L

31 07 75 1245              .3          15185  6                        57000.      4700.        80.         0.       26.0       10.0        3.0
28 08 75 1250              .3          15201  6                        11000.      2800.       360.        36.       21.0        9.5        3.0
30 09 75 1240              .3          15212  6                      42000E+1     18000.      3200.       164.       15.0        9.0        3.6
04 11 75 1235              .3          15220  6                        37000.       480.       356.        68.       14.0       10.5        3.6
01 12 75 1225              .3          15227  6                        18000.       650.      5200.                   3.0       13.0        2.5


                      MAXIMUM                                        42000E+1     18000.      5200.       164.       26.0       13.0        3.6
           AVG OR GEOM MN (*)                                         44551.*     2364.*      702.*       25.*       15.8       10.4        3.1
                      MINIMUM                                          11000.       480.        80.         0.        3.0        9.0        2.5

                NO OF SAMPLES                                               5          5          5          4          5          5          5



                                          33         34         19         20         21         22         16         14         56         55
SAMP DTE HOUR  STN  STN SAMP  PJ       TOTAL   FILTERED   FILTERED      TOTAL    NITRITE    NITRATE      TURB.      COND.   CHLORIDE         PH
DY MO YR LMT   DIST BRG DEPTH              P   REACTIVE    AMMONIA   KJELDAHL      NO2-N      NO3-N   FORMAZIN        25C       MG/L     AT LAB
               FEET      MTRS           MG/L     P MG/L       MG/L       MG/L       MG/L       MG/L      UNITS      UMHOS

31 07 75 1245              .3          0.200      0.102       0.85       1.70      0.480      3.050      18.00        536        37.
28 08 75 1250              .3          0.330      0.137       0.03       1.06      0.063      2.550      72.00        502        26.
30 09 75 1240              .3          0.190      0.120       0.31       1.00      0.147      3.300      21.00        661        34.
04 11 75 1235              .3          0.240      0.045       0.17       0.89      0.111      1.490      14.00        635        31.
01 12 75 1225              .3          0.183      0.071       0.13       0.95      0.071      2.130      33.00        660        32.


                      MAXIMUM          0.330      0.137       0.85       1.70      0.480      3.300      72.00        661        37.
           AVG OR GEOM MN (*)          0.229      0.095       0.30       1.12      0.174      2.504      31.60        599        32.
                      MINIMUM          0.183      0.045       0.03       0.89      0.063      1.490      14.00        502        26.

                NO OF SAMPLES              5          5          5          5          5          5          5          5          5



                                         934         95         52         50         76         61         68         25         60        280
SAMP DTE HOUR  STN  STN SAMP  PJ      SAMPLE    ACIDITY    TOT ALK   HARDNESS     CALCUL      TOTAL     COLOUR    PHENOLS              REACTIVE
DY MO YR LMT   DIST BRG DEPTH             NO       MG/L     AT LAB      CACO3   HARDNESS       IRON      HAZEN                FLUORIDE   SILICATE
               FEET      MTRS                                 MG/L       MG/L       MG/L       MG/L      UNITS       UG/L       MG/L    SI MG/L

31 07 75 1245              .3          15185                                                                     1.
28 08 75 1250              .3          15201                                                                     1. L
30 09 75 1240              .3          15212                                                                     1. L
04 11 75 1235              .3          15220                                                                     1. L
01 12 75 1225              .3          15227                                                                     1. L


                      MAXIMUM                                                                                    1.
           AVG OR GEOM MN (*)                                                                                    1. D
                      MINIMUM                                                                                    1.

                NO OF SAMPLES                                                                                      5



                                          59          5          6          7        107         67         66         45         47         41
SAMP DTE HOUR  STN  STN SAMP  PJ    SULPHATE      TOTAL      SUSP.      DISS.      DISS.    PTSSIUM     SODIUM      TOT C    ORGANIC        COD
DY MO YR LMT   DIST BRG DEPTH                    SOLIDS     SOLIDS     SOLIDS     SOLIDS          K         NA       AS C     C AS C
               FEET      MTRS           MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L

31 07 75 1245              .3                      386.        32.        354
28 08 75 1250              .3                      488.       107.        381
30 09 75 1240              .3                      470.        35.        435
04 11 75 1235              .3                      464.        20.        444
01 12 75 1225              .3                      462.        44.        418


                      MAXIMUM                      488.       107.        444
           AVG OR GEOM MN (*)                      454.        47.        406
                      MINIMUM                      386.        20.        354

                NO OF SAMPLES                         5          5          5
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SAMPLE INFORMATION SYSTEM        STATION SUMMARY REPORT - RIVER BASINS                         DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: DODD CREEK                                                                      STATION ID:   16-0087-013-02
 SAMPLE POINT: AT HIGHWAY 3 ST THOMAS
 STATION TYPE: RIVER                                          MAJOR BASIN: GREAT LAKES                          STORET CODE: 02
                                                              MINOR BASIN: LAKE ERIE                                         003
                                                              TERM STREAM: KETTLE CREEK                                      1660

STN NO     13       LAT                 LONG                  U.T.M. 17 0482200.0 4736850.0 4      REGION 01              MILEAGE   14.00

                                         934        901        444         80         81         84         88        805          3          1
SAMP DTE HOUR  STN  STN SAMP  PJ       SAMPLE        SCD  FLOW CFS      TOTAL      FECAL       M.F.     PSEUD.      WATER      DISS.      5-DAY
DY MO YR LMT   DIST BRG DEPTH              NO                        COLIFORM   COLIFORM     ENTER.        MPA      TEMP.         O2        BOD
               FEET     MTRS                                        MF/100ML   MF/100ML   MF/100ML   MF/100ML      DEG C       MG/L       MG/L

31 07 75 0945              .3           15180     6                     5000.      4800.       790.        10.       24.0        6.0        1.8
28 08 75 0845              .3           15191     6                                                       4.       18.0        7.0        2.2
30 09 75 0815              .3           15202     6                     8000.       650.       160.        4.  L     14.0        9.0        0.7
         0900              .3           15204     6                     5000.      1000.       100.       12.        14.0       10.0        1.1
04 11 75 1300              .3           15221     6                     2800.       168.       208.        4.  L     13.0       10.5        2.2
01 12 75 1150              .3           15226     6                    19000.       910.      9300.                   4.0       12.2        2.4
                                                       .

                      MAXIMUM                                          19000.      4800.      9300.       12.        24.0       12.2        2.4
            AVG OR GEOM MN (*)                                          6387.*      862.*      476.*       6.* D     14.5        9.1        1.7
                      MINIMUM                                           2800.       168.       100.        4.         4.0        6.0        0.7

                NO OF SAMPLES                                               5          5          5          5          6          6          6


                                          33         34         19         20         21         22         16         14         56         55
SAMP DTE HOUR  STN  STN SAMP  PJ        TOTAL   FILTERED   FILTERED      TOTAL    NITRITE    NITRATE      TURB.      COND.   CHLORIDE         PH
DY MO YR LMT   DIST BRG DEPTH               P   REACTIVE    AMMONIA   KJELDAHL      NO2-N      NO3-N   FORMAZIN        25C       MG/L     AT LAB
               FEET     MTRS             MG/L     P MG/L       MG/L       MG/L       MG/L       MG/L      UNITS      UMHOS

31 07 75 0945              .3           0.129      0.027       0.10       0.86      0.011     0.050L      65.00        590        44.
28 08 75 0845              .3           0.188      0.060       0.02       1.35      0.034      2.900      66.00        610        30.
30 09 75 0815              .3           0.065      0.021       0.01       0.58      0.016      0.660      21.00        710        32.
         0900              .3           0.100      0.020       1.07       1.55      0.051      2.550      41.00        663        19.
04 11 75 1300              .3           0.089      0.017       0.01       0.91      0.023      1.510      16.00        705        48.
01 12 75 1150              .3           0.156      0.061       0.08       0.92      0.029      4.050      36.00        630        41.


                      MAXIMUM           0.188      0.061       1.07       1.55      0.051      4.050      66.00        710        48.
            AVG OR GEOM MN (*)          0.121      0.034       0.22       1.03      0.027      1.953D     40.83        651        35.
                      MINIMUM           0.065      0.017       0.01       0.58      0.011      0.050      16.00        590        19.

                NO OF SAMPLES               6          6          6          6          6          6          6          6          6


                                         934         95         52         50         76         61         68         25         60        280
SAMP DTE HOUR  STN  STN SAMP  PJ       SAMPLE    ACIDITY    TOT ALK   HARDNESS     CALCUL      TOTAL     COLOUR    PHENOLS               REACTIVE
DY MO YR LMT   DIST BRG DEPTH              NO       MG/L     AT LAB      CACO3   HARDNESS       IRON      HAZEN               FLUORIDE   SILICATE
               FEET     MTRS                                   MG/L       MG/L       MG/L       MG/L      UNITS       UG/L       MG/L    SI MG/L

28 08 75 0845              .3           15191                                                                          1.
30 09 75 0815              .3           15202                                                                          1. L
04 11 75 1300              .3           15221                                                                          1. L


                      MAXIMUM                                                                                          1.
            AVG OR GEOM MN (*)                                                                                         1. D
                      MINIMUM                                                                                          1.

                NO OF SAMPLES                                                                                           3
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SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: CATFISH CREEK
SAMPLE POINT: FIRST CONCESSION WEST OF AYLMER
STATION TYPE: RIVER

STATION ID: 16-0097-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: CATFISH CREEK

STORET CODE: 02
003
1570

STN NO 2 LAT LONG U.T.M. 17 0499250.0 4735500.0 4 REGION 01 MILEAGE 18.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
29 01 75 1035			.3		15125	3		24000E+1	9000.	5800.		1.0	8.0	6.0
27 02 75 1000			.3		15135	6		37000.	1100.	200.		1.0	10.0	
25 03 75 1010			.3		15145	3		23000.	990.	8200.		3.0	12.0	2.0
30 04 75 1015			.3		15155	6		36000.	250.	700.		12.0	10.0	2.0
28 05 75 1100			.3		15165	6		27000.	500.	192.		20.0	8.0	4.6
25 06 75 1030			.3		15175	6		90000.	170.	1200.		25.0	6.0	1.2
MAXIMUM								24000E+1	9000.	8200.		25.0	12.0	6.0
AVG OR GEOM MN (*)								51132.*	770.*	1074.*		10.3	9.0	3.2
MINIMUM								23000.	170.	192.		1.0	6.0	1.2
NO OF SAMPLES								6	6	6		6	6	5

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
29 01 75 1035			.3		0.390	0.140	0.42	1.40	0.038	0.160	36.00	406	29.	
27 02 75 1000			.3											
25 03 75 1010			.3		0.550	0.110	0.23	1.70	0.044	0.110	240.00	360	19.	
30 04 75 1015			.3		0.069	0.015	0.03	0.60	0.042	2.700	7.10	600	19.	
28 05 75 1100			.3		0.250	0.044	0.26	1.40	0.120	1.100	34.00	620	22.	
25 06 75 1030			.3		0.170	0.041	0.10	1.33	0.117	3.030	74.00	650	25.	
MAXIMUM					0.550	0.140	0.42	1.70	0.120	3.030	240.00	650	29.	
AVG OR GEOM MN (*)					0.286	0.070	0.21	1.29	0.072	1.420	78.22	527	22.	
MINIMUM					0.069	0.015	0.03	0.60	0.038	0.110	7.10	360	19.	
NO OF SAMPLES					5	5	5	5	5	5	5	5	5	

SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: CATFISH CREEK STATION ID: 16-0097-003-02
SAMPLE POINT: AT CONCESSION ROAD 2 MILES EAST OF SPARTA
STATION TYPE: RIVER
MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: CATFISH CREEK
STORET CODE: 02
003
1570

STN NO 3 LAT LONG U.T.M. 17 0496250.0 4727550.0 4 REGION 01 MILEAGE 3.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L
29 01 75 1055			.3		15126	3	698.	61000.	7100.	2000.		1.0	10.0	2.5
27 02 75 1020			.3		15136	6	177.	19000.	300.	300.		1.0	11.0	6.5
25 03 75 1025			.3		15146	3	674.	26000.	970.	5200.		3.0	12.0	1.2
30 04 75 1030			.3		15156	6	63.1	4000.	20.	4.		13.0	10.0	6.0
28 05 75 1130			.3		15166	6	18.2	180.	180.	40.		21.0	8.0	2.8
25 06 75 1045			.3		15176	6	30.7	7000.	370.	288.		26.0	6.0	0.8
06 08 75 1030			.3		15189	6	284.	54000E+1	32000.	19000E+1		19.0	8.0	4.8
15 08 75 0425			.3		12630	6	21.7					21.0	8.4	
28 08 75 1130			.3		15197	6	65.3	12000.	2600.	570.	12.	20.0	10.0	1.8
30 09 75 1100			.3		15208	6	47.6	1600.	220.	90.	4.	15.0	10.0	0.9
04 11 75 1105			.3		15216	6	96.	4600.	680.	880.	4. L	13.8	10.7	2.4
01 12 75 1350			.3		15231	6	177.	43000.	2900.	11500.		4.0	13.0	2.3
MAXIMUM							698.	54000E+1	32000.	19000E+1	12.	26.0	13.0	6.5
AVG OR GEOM MN (*)							196.1	11089.*	811.*	679.*	6.* D	13.2	9.8	2.9
MINIMUM							18.2	180.	20.	4.	4.	1.0	6.0	0.8
NO OF SAMPLES							12	11	11	11	3	12	12	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
29 01 75 1055			.3		0.920	0.150	0.35	1.50	0.040	0.110	160.00	310	12.	
27 02 75 1020			.3		0.190	0.095	0.18	0.74	0.032	3.300	48.00	472	24.	
25 03 75 1025			.3		0.460	0.110	0.23	1.50	0.045	2.800	180.00	336	13.	
30 04 75 1030			.3		0.310	0.140	0.01 L	1.10	0.049	1.900	11.00	580	19.	
28 05 75 1130			.3		0.230	0.084	0.05	1.00	0.110	0.740	43.00	560	22.	
25 06 75 1045			.3		0.177	0.034	0.01 L	0.90	0.025	2.750	58.00	590	23.	
06 08 75 1030			.3		1.620	0.173	0.17	4.30	0.056	0.950	730.00	284	14.	
15 08 75 0425			.3											
28 08 75 1130			.3		0.182	0.070	0.01	0.83	0.034	2.750	36.00	604	19.	
30 09 75 1100			.3		0.116	0.080	0.01	0.57	0.015	2.350	31.00	645	20.	
04 11 75 1105			.3		0.145	0.039	0.01	0.82	0.031	2.300	20.00	645	26.	
01 12 75 1350			.3		0.179	0.079	0.13	0.92	0.045	4.800	37.00	630	25.	
MAXIMUM					1.620	0.173	0.35	4.30	0.110	4.800	730.00	645	26.	
AVG OR GEOM MN (*)					0.412	0.096	0.11 D	1.29	0.044	2.250	123.09	514	19.	
MINIMUM					0.116	0.034	0.01	0.57	0.015	0.110	11.00	284	12.	
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
29 01 75 1055			.3			850.	650.	200						
27 02 75 1020			.3			390.	55.	335						
25 03 75 1025			.3			480.	150.	330						
30 04 75 1030			.3			440.	20.	420						
28 05 75 1130			.3			410.	85.	325						
25 06 75 1045			.3			468.	90.	378						
06 08 75 1030			.3			1644.	1422.	222						
28 08 75 1130			.3			490.	72.	418						
30 09 75 1100			.3			442.	26.	416						
04 11 75 1105			.3			516.	41.	475						
01 12 75 1350			.3			462.	54.	408						
MAXIMUM						1644.	1422.	475						
AVG OR GEOM MN (*)						599.	242.	357						
MINIMUM						390.	20.	200						
NO OF SAMPLES						11	11	11						

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SAMPLE INFORMATION SYSTEM        STATION SUMMARY REPORT - RIVER BASINS                         DATE OF REPORT  28 OCT 77

B.O.W./ SITE: CATFISH CREEK WEST                                                                   STATION ID:  16-0097-004-02
SAMPLE POINT: AT FIRST CONCESSION NORTH OF HIGHWAY 3
STATION TYPE: RIVER                                         MAJOR BASIN: GREAT LAKES                              STORET CODE: 02
                                                            MINOR BASIN: LAKE ERIE                                             003
                                                            TERM STREAM: CATFISH CREEK                                         1570

STN NO      4       LAT                LONG                U.T.M. 17 0493660.0 4737375.0 4     REGION 01            MILEAGE   16.00


                                          934       901      444        80        81        84        88       805        3          1
SAMP DTE HOUR  STN  STN SAMP  PJ         SAMPLE       SCD  FLOW CFS    TOTAL     FECAL      M.F.    PSEUD.    WATER     DISS.     5-DAY
DY MO YR LMT   DIST BRG DEPTH                NO                     COLIFORM  COLIFORM    ENTER.       MPA    TEMP.       02       BOD
               FEET      MTRS                                       MF/100ML  MF/100ML  MF/100ML  MF/100ML    DEG C      MG/L      MG/L

31 07 75 1045              .3             15181     6                  680.      270.       16.        0.     25.0      10.5       2.8
28 08 75 1020              .3             15195     6                15000.     1180.    13000.        8.     19.0       8.5       2.4
30 09 75 1015              .3             15206     6                 1400.      760.       60.        4.  L  14.0      10.0       1.2
04 11 75 1010              .3             15214     6                84000.     2200.     7400.       48.     13.0       9.3       3.4
01 12 75 1440              .3             15233     6                13000.      750.    16500.                2.0      11.4       4.8


                     MAXIMUM                                         84000.     2200.    16500.       48.     25.0      11.4       4.8
          AVG OR GEOM MN (*)                                          6897.*     832.*    1088.*       6.* D  14.6       9.9       2.9
                     MINIMUM                                           680.      270.       16.        0.      2.0       8.5       1.2

              NO OF SAMPLES                                               5         5         5         4        5         5         5




                                          33        34        19        20        21        22        16        14       56          55
SAMP DTE HOUR  STN  STN SAMP  PJ        TOTAL  FILTERED  FILTERED     TOTAL   NITRITE   NITRATE     TURB.     COND.  CHLORIDE         PH
DY MO YR LMT   DIST BRG DEPTH               P  REACTIVE  AMMONIA  KJELDAHL    NO2-N     NO3-N  FORMAZIN       25C      MG/L     AT LAB
               FEET      MTRS            MG/L    P MG/L      MG/L      MG/L      MG/L      MG/L     UNITS    UMHOS

31 07 75 1045              .3            0.109     0.011      0.13      1.69     0.018     0.300     33.00       479      24.
28 08 75 1020              .3            0.234     0.067      0.03      0.94     0.079     3.500     67.00       618      21.
30 09 75 1015              .3            0.062     0.013      0.03      0.65     0.026     3.820      7.30       677      20.
04 11 75 1010              .3            0.240     0.029      0.05      1.12     0.047     3.540     74.00       635      26.
01 12 75 1440              .3            0.173     0.060      0.11      0.99     0.033     5.300     49.00       615      23.


                     MAXIMUM             0.240     0.067      0.13      1.69     0.079     5.300     74.00       677      26.
          AVG OR GEOM MN (*)             0.164     0.036      0.07      1.08     0.041     3.292     46.06       605      22.
                     MINIMUM             0.062     0.011      0.03      0.65     0.018     0.300      7.30       479      20.

              NO OF SAMPLES                  5         5         5         5         5         5         5         5         5




                                  59         5         6         7       107        67        66        45        47         41
SAMP DTE HOUR  STN  STN SAMP  PJ SULPHATE     TOTAL     SUSP.     DISS.     DISS.   PTSSIUM    SODIUM     TOT C   ORGANIC        COD
DY MO YR LMT   DIST BRG DEPTH               SOLIDS    SOLIDS    SOLIDS    SOLIDS         K        NA      AS C    C AS C
               FEET      MTRS       MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L       MG/L

31 07 75 1045              .3                 368.       47.       321
28 08 75 1020              .3                 590.      147.       443
30 09 75 1015              .3                 512.       46.       466
04 11 75 1010              .3                 568.      118.       450
01 12 75 1440              .3                 454.       55.       399


                     MAXIMUM                  590.      147.       466
          AVG OR GEOM MN (*)                  498.       82.       416
                     MINIMUM                  368.       46.       321

              NO OF SAMPLES                      5         5         5
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SAMPLE INFORMATION SYSTEM       STATION SUMMARY REPORT - RIVER BASINS                         DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: CATFISH CREEK                                                                     STATION ID:  16-0097-005-02
 SAMPLE POINT: AT HIGHWAY NO 3 WEST OF ORWELL
 STATION TYPE: RIVER                                  MAJOR BASIN: GREAT LAKES                                STORET CODE: 02
                                                      MINOR BASIN: LAKE ERIE                                               003
                                                      TERM STREAM: CATFISH CREEK                                           1570

STN NO      5       LAT               LONG               U.T.M. 17 0496475.0 4735675.0 4    REGION 01            MILEAGE   15.50


                                    934        901       444        80         81         84         88        805          3          1
SAMP DTE HOUR  STN  STN SAMP  PJ   SAMPLE        SCD  FLOW CFS      TOTAL      FECAL       M.F.     PSEUD.     WATER      DISS.      5-DAY
DY MO YR LMT   DIST BRG DEPTH          NO                        COLIFORM   COLIFORM     ENTER.        MPA     TEMP.         O2        BOD
               FEET      MTRS                                    MF/100ML   MF/100ML   MF/100ML   MF/100ML     DEG C       MG/L       MG/L

31 07 75 1010              .3      15182       6                     860.       850.       180.       0.       25.0        8.5        2.8
28 08 75 1100              .3      15196       6                   29000.      2300.     14000.      44.       19.0        9.0        2.4
30 09 75 1035              .3      15207       6                    7000.      1400.      1100.       4.  L    14.0        9.5        1.3
04 11 75 1045              .3      15215       6                   61000.      2200.      3300.       4.       13.2        9.2        4.8
01 12 75 1410              .3      15232       6                   75000.      1600.     17700.                 3.0       13.2        2.1


                      MAXIMUM                                      75000.      2300.     17700.      44.       25.0       13.2        4.8
           AVG OR GEOM MN (*)                                      15154.*     1573.*     2766.*      5.* D    14.8        9.9        2.7
                      MINIMUM                                        860.       850.       180.       0.        3.0        8.5        1.3

                NO OF SAMPLES                                          5          5          5          4          5          5          5




                                     33         34         19         20         21         22         16         14         56         55
SAMP DTE HOUR  STN  STN SAMP  PJ    TOTAL   FILTERED   FILTERED      TOTAL    NITRITE    NITRATE      TURB.      COND.   CHLORIDE         PH
DY MO YR LMT   DIST BRG DEPTH           P   REACTIVE   AMMONIA    KJELDAHL     NO2-N      NO3-N    FORMAZIN       25C       MG/L     AT LAB
               FEET      MTRS        MG/L     P MG/L       MG/L       MG/L       MG/L       MG/L      UNITS      UMHOS

31 07 75 1010              .3       0.102      0.091       0.06       1.23      0.014      0.170      34.00        580        27.
28 08 75 1100              .3       0.314      0.126       0.01       0.99      0.030      3.650      49.00        662        22.
30 09 75 1035              .3       0.325      0.279       0.03       0.72      0.043      3.410      29.00        718        30.
04 11 75 1045              .3       0.470      0.118       0.06       2.15      0.083      3.510      55.00        645        32.
01 12 75 1410              .3       0.173      0.087       0.16       1.05      0.055      6.100      26.00        660        26.


                      MAXIMUM       0.470      0.279       0.16       2.15      0.083      6.100      55.00        718        32.
           AVG OR GEOM MN (*)       0.277      0.140       0.06       1.23      0.045      3.368      38.60        653        27.
                      MINIMUM       0.102      0.087       0.01       0.72      0.014      0.170      26.00        580        22.

                NO OF SAMPLES           5          5          5          5          5          5          5          5          5
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B.O.W./ SITE: BIG OTTER CREEK
SAMPLE POINT: 9TH LINE BAYHAM TOWN LINE
STATION TYPE: RIVER

STATION ID: 16-0109-004-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: BIG OTTER CREEK

STORET CODE: 02
003
1390

STN NO 4   LAT   LONG   U.T.M. 17 0517825.0 4738100.0 4   REGION 01   MILEAGE 27.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
13 01 75 1335			.3		11006	6	374.	13000.	488.	452.		2.8	15.8	1.2
19 02 75 1420			.3		12998	6	103.	1800.	92.	76.		2.0	14.2	3.0
19 03 75 1600			.3		11106	6	910.	7400.	400.	2000.		3.8	14.6	4.0
10 07 75 1115			.3		11204	6	24.8	770.	4.	190.	1.	21.0	9.0	2.8
31 07 75 1310			.3		11250	6	28.3	890.	130.	260.	2.	24.0	9.4	0.9
20 08 75 1715			.3		11296	6	36.4	760.	130.	80.	4.	19.3	12.0	1.9
18 09 75 1105			.3		11311	6	103.	17000.	370.	100.	4. L	14.0	9.8	1.1
30 10 75 1140			.3		11377	6	64.7	340.	20.	20.	4. L	7.6	12.0	2.2
24 11 75 1150			.3		11427	6	73.0	1460.	24.	124.	4. L	3.1	15.5	1.1
04 12 75 1140			.3		11445	6	126.	1410.	60.	290.		1.0	13.7	2.4
MAXIMUM							910.	17000.	488.	2000.	4.	24.0	15.8	4.0
AVG OR GEOM MN (*)							184.3	2009.*	82.*	169.*	3.* D	9.9	12.6	2.1
MINIMUM							24.8	340.	4.	20.	1.	1.0	9.0	0.9
NO OF SAMPLES							10	10	10	10	6	10	10	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
13 01 75 1335			.3		0.160	0.064	0.10	0.80	0.029	6.600	18.00	500	17.	
19 02 75 1420			.3		0.180	0.032	0.34	0.85	0.021	2.400	11.00	580	27.	
19 03 75 1600			.3		0.650	0.160	0.39	1.70	0.045	1.800	150.00	296	12.	
10 07 75 1115			.3		0.073	0.004	0.02	0.50	0.053	1.420	7.30	536	19.	
31 07 75 1310			.3		0.056	0.002	0.01 L	0.47	0.042	0.940	5.60	522	23.	
20 08 75 1715			.3		0.064	0.003	0.01 L	0.51	0.072	1.320	8.80	542	21.	
18 09 75 1105			.3		0.089	0.027	0.01	0.74	0.135	2.760	21.00	605	20.	
30 10 75 1140			.3		0.033	0.003	0.01	0.53	0.021	2.190	4.30	615	21.	
24 11 75 1150			.3		0.027	0.013	0.04	0.41	0.014	2.520	3.60	640	21.	
04 12 75 1140			.3		0.043	0.023	0.07	0.56	0.020	4.120	4.30	670	22.	
MAXIMUM					0.650	0.160	0.39	1.70	0.135	6.600	150.00	670	27.	
AVG OR GEOM MN (*)					0.138	0.033	0.10 D	0.71	0.045	2.607	23.39	551	20.	
MINIMUM					0.027	0.002	0.01	0.41	0.014	0.940	3.60	296	12.	
NO OF SAMPLES					10	10	10	10	10	10	10	10	10	

SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: BIG OTTER CREEK STATION ID: 16-0109-005-02
SAMPLE POINT: AT HIGHWAY 19 SOUTHERN BRIDGE VIENNA
STATION TYPE: RIVER
MAJOR BASIN: GREAT LAKES STORET CODE: 02
MINOR BASIN: LAKE ERIE 003
TERM STREAM: BIG OTTER CREEK 1390

STN NO 5 LAT LONG U.T.M. 17 0516940.0 4724700.0 4 REGION 01 MILEAGE 4.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
13 01 75 1400			.3		11007	6	793.	10000.	760.	1600.		3.5	15.8	3.0
19 02 75 1445			.3		12999	4	220.	37000.	460.	2700.		0.9	10.5	6.0
19 03 75 1645			.3		11107	6	1460.	7100.	310.	22000.		4.2	14.1	5.0
10 07 75 1045			.3		11205	6	80.0	590.	32.	200.	0.	21.8	8.3	3.1
31 07 75 1345			.3		11251	6	60.0	450.	240.	4. L	0.	24.8	8.8	1.1
20 08 75 1615			.3		11297	6	83.0	14000.	350.	370.	4. L	19.7	13.4	3.2
18 09 75 1040			.3		11310	6	529.	17000.	350.	480.	8.	14.0	9.7	0.9
30 10 75 1115			.3		11376	6	165.	180.	48.	8.	4. L	7.8	11.7	1.9
24 11 75 1115			.3		11426	6	165.	320.	20.	56.	4. L	3.0	15.2	1.8
04 12 75 1115			.3		11444	6	289.	1310.	90.	710.		1.0	14.2	2.3
MAXIMUM							1460.	37000.	760.	22000.	8.	24.8	15.8	6.0
AVG OR GEOM MN (*)							384.4	2569.*	157.*	291.* D	3.* D	10.1	12.2	2.8
MINIMUM							60.0	180.	20.	4.	0.	0.9	8.3	0.9
NO OF SAMPLES							10	10	10	10	6	10	10	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
13 01 75 1400			.3		0.240	0.058	0.11	1.00	0.032	6.200	44.00	490	15.	
19 02 75 1445			.3		0.120	0.037	0.26	0.88	0.022	2.000	30.00	550	38.	
19 03 75 1645			.3		1.000	0.130	0.31	2.00	0.040	1.900	210.00	296	12.	
10 07 75 1045			.3		0.126	0.006	0.02	0.68	0.010	0.820	42.00	491	12.	
31 07 75 1345			.3		0.085	0.002	0.01 L	0.65	0.008	0.440	28.00	487	17.	
20 08 75 1615			.3		0.148	0.003	0.01	0.78	0.010	0.610	42.00	504	16.	
18 09 75 1040			.3		0.132	0.030	0.01	0.64	0.047	2.090	38.00	578	18.	
30 10 75 1115			.3		0.040	0.003	0.01	0.53	0.009	1.700	8.30	595	18.	
24 11 75 1115			.3		0.034	0.010	0.04	0.42	0.013	1.990	6.50	610	18.	
04 12 75 1115			.3		0.069	0.021	0.04	0.53	0.019	3.230	15.00	640	21.	
MAXIMUM					1.000	0.130	0.31	2.00	0.047	6.200	210.00	640	38.	
AVG OR GEOM MN (*)					0.199	0.030	0.08 D	0.81	0.021	2.098	46.38	524	18.	
MINIMUM					0.034	0.002	0.01	0.42	0.008	0.440	6.50	296	12.	
NO OF SAMPLES					10	10	10	10	10	10	10	10	10	

SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: CLEAR CREEK
SAMPLE POINT: AT COUNTY ROAD 9 HOUGHTON TOWNSHIP
STATION TYPE: RIVER

STATION ID: 16-0111-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE

STORET CODE: 02 003

STN NO 1 LAT LONG U.T.M. 17 0533640.0 4714200.0 4 REGION 02 MILEAGE 0.50

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
07 01 75	1055			.3		17002	6		2900.	30.	110.		3.0	13.0	0.4
10 02 75	1050			.3		17033	4		200.	20.	10. L		0.0	22.0	0.6
10 03 75	1110			.3		17065	6		20.	1.	4.		1.5	16.0	1.2
02 04 75	1000			.3		17098	6		70.	100.	10.		3.0	11.0	0.4
07 05 75	1015			.3		17131	3		100.	100.	50.		10.5	10.0	1.6
02 06 75	1110			.3		17166	6		2100.	250.	220.		17.0	11.0	1.4
15 07 75	1140			.3		17201	6		660.	500.	700.		19.0	8.8	2.4
06 08 75	1150			.3		17236	6		1080.	1250.	3880.		18.0	9.0	1.2
09 09 75	1150			.3		17270	6		1000.	100. L	200.		14.5	8.8	2.4
08 10 75	1040			.3		17309	6		700.	60.	40.		12.5	10.2	0.8
18 11 75	1020			.3		17352	6		310.	220.	60.		9.0	11.4	0.8
15 12 75	1125			.3		17399	3		9400.	1080.	1500. G		7.0	11.7	1.8
MAXIMUM									9400.	1250.	3880.		19.0	22.0	2.4
AVG OR GEOM MN (*)									501.*	102.* D	100.* E		9.6	11.9	1.3
MINIMUM									20.	1.	4.		0.0	8.8	0.4
NO OF SAMPLES									12	12	12		12	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
07 01 75	1055			.3		0.042	0.016	0.02	0.38	0.009	1.600	6.50	440	8.	
10 02 75	1050			.3		0.016	0.005	0.01	0.28	0.007	1.300	3.20	452	7.	
10 03 75	1110			.3		0.026	0.007	0.01	0.37	0.007	1.200	5.70	420	6.	
02 04 75	1000			.3		0.010	0.002	0.01 L	0.32	0.005	0.980	5.50	401	6.	
07 05 75	1015			.3		0.071	0.003	0.01 L	0.70	0.009	0.460	16.00	405	6.	
02 06 75	1110			.3		0.110	0.002	0.01	0.68	0.019	0.530	20.00	430	7.	
15 07 75	1140			.3		0.044	0.009	0.01	0.54	0.005	0.380	18.00	400	7.	
06 08 75	1150			.3		0.056	0.007	0.01 L	0.44	0.005	0.800	23.00	405	6.	
09 09 75	1150			.3		0.001	0.005	0.01 L	3.70	0.006	0.670	5.00	440	7.	
08 10 75	1040			.3		0.017	0.003	0.01 L	0.27	0.004	0.720	2.90	465	7.	
18 11 75	1020			.3		0.016	0.004	0.01 L	0.32	0.006	0.870	3.30	440	7.	
15 12 75	1125			.3		0.340	0.066	0.14	1.40	0.170	2.200	220.00	350	8.	
MAXIMUM						0.340	0.066	0.14	3.70	0.170	2.200	220.00	465	8.	
AVG OR GEOM MN (*)						0.062	0.011	0.02 D	0.78	0.021	0.976	27.43	421	6.	
MINIMUM						0.001	0.002	0.01	0.27	0.004	0.380	2.90	350	6.	
NO OF SAMPLES						12	12	12	12	12	12	12	12	12	

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
07 01 75	1055			.3			320.	15. L	305						
10 02 75	1050			.3			310.	10.	300						
10 03 75	1110			.3			390.	9.	381						
02 04 75	1000			.3			270.	14.	256						
07 05 75	1015			.3			340.	56.	284						
02 06 75	1110			.3			330.	38.	292						
15 07 75	1140			.3			297.	37.		260					
06 08 75	1150			.3			300.	37.		263					
09 09 75	1150			.3				23.							
08 10 75	1040			.3			332.	5.	327						
18 11 75	1020			.3			323.	6.	317						
15 12 75	1125			.3			387.	159.		228					
MAXIMUM							390.	159.	381	263					
AVG OR GEOM MN (*)							327.	34. D	308	250					
MINIMUM							270.	5.	256	228					
NO OF SAMPLES							11	12	8	3					

B.O.W./ SITE: BIG CREEK
SAMPLE POINT: NORFOLK COUNTY ROAD 42
STATION TYPE: RIVER

STATION ID: 16-0124-003-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: BIG CREEK

STORET CODE: 02
003
1090

STN NO 3 LAT LONG U.T.M. 17 0542150.0 4715600.0 4 REGION 02 MILEAGE 2.10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
07 01 75	1110			.3		17003	6		390.	10. L	40.		2.0	12.5	0.8
10 02 75	1105			.3		17034	4		200.	10. L	10.		0.0	23.0	0.8
10 03 75	1120			.3		17066	6		30.	12.	16.		1.0	16.0	1.0
02 04 75	1010			.3		17099	6		70.	10. L	10. L		4.0	11.0	0.6
07 05 75	1105			.3		17132	6		50.	40.	10.		11.5	10.0	1.2
02 06 75	1200			.3		17167	6		180.	60.	90.		19.0	9.0	1.2
15 07 75	1155			.3		17202	6 9		390.	350.	390.		21.5	8.5	2.8
06 08 75	1230			.3		17237	6		450.	90.	440.		21.0	7.9	1.6
09 09 75	1210			.3		17271	6		410.	280.	70.		16.0	8.0	1.8
08 10 75	1055			.3		17310	6		190.	10.	10.		13.0	9.6	1.0
18 11 75	1040			.3		17353	6		250.	30.	20.		8.0	11.6	1.0
15 12 75	1110			.3		17400	3		3600.	460.	1500. G		6.0	12.3	1.4
MAXIMUM									3600.	460.	1500.		21.5	23.0	2.8
AVG OR GEOM MN (*)									226.*	43.* D	49.* E		10.3	11.6	1.3
MINIMUM									30.	10.	10.		0.0	7.9	0.6
NO OF SAMPLES									12	12	12		12	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
07 01 75	1110			.3		0.028	0.010	0.04	0.31	0.022	1.600	3.90	520	16.	
10 02 75	1105			.3		0.034	0.014	0.04	0.31	0.021	1.700	2.70	540	14.	
10 03 75	1120			.3		0.048	0.015	0.07	0.41	0.012	1.700	7.50	485	14.	
02 04 75	1010			.3		0.054	0.010	0.02	0.46	0.011	1.800	11.00	461	11.	
07 05 75	1105			.3		0.044	0.005	0.01	0.39	0.011	0.740	10.00	475	11.	
02 06 75	1200			.3		0.062	0.005	0.03	0.80	0.016	0.790	7.50	455	9.	
15 07 75	1155			.3		0.120	0.006	0.04	0.74	0.009	0.540	28.00	440	12.	
06 08 75	1230			.3		0.094	0.004	0.05	0.70	0.027	0.940	22.00	440	13.	
09 09 75	1210			.3		0.039	0.010	0.02	0.46	0.016	0.950	3.50	500	14.	
08 10 75	1055			.3		0.041	0.006	0.01	0.33	0.006	1.000	5.80	525	11.	
18 11 75	1040			.3		0.022	0.005	0.01 L	0.37	0.008	1.400	4.50	550	7.	
15 12 75	1110			.3		0.290	0.040	0.09	0.95	0.027	1.800	150.00	480	13.	
MAXIMUM						0.290	0.040	0.09	0.95	0.027	1.800	150.00	550	16.	
AVG OR GEOM MN (*)						0.073	0.011	0.04 D	0.52	0.016	1.247	21.37	489	12.	
MINIMUM						0.022	0.004	0.01	0.31	0.006	0.540	2.70	440	7.	
NO OF SAMPLES						12	12	12	12	12	12	12	12	12	

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
07 01 75	1110			.3			350.	15. L	335						
10 02 75	1105			.3			420.	27.	393						
10 03 75	1120			.3			370.	13.	357						
02 04 75	1010			.3			320.	19.	301						
07 05 75	1105			.3			370.	20.	350						
02 06 75	1200			.3			350.	19.	331						
15 07 75	1155			.3			392.	62.	330						
06 08 75	1230			.3			290.	44.	246						
09 09 75	1210			.3				31.							
08 10 75	1055			.3			361.	18.	343						
18 11 75	1040			.3			390.	8.	382						
15 12 75	1110			.3			526.	162.	364						
MAXIMUM							526.	162.	393						
AVG OR GEOM MN (*)							376.	36. D	339						
MINIMUM							290.	8.	246						
NO OF SAMPLES							11	12	11						

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SAMPLE INFORMATION SYSTEM       STATION SUMMARY REPORT - RIVER BASINS                         DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: VENISON CREEK                                                                     STATION ID:  16-0124-006-02
 SAMPLE POINT: AT CONCESSION 11 NORTH WALSINGHAM TOWNSHIP
 STATION TYPE: RIVER                                    MAJOR BASIN: GREAT LAKES                                STORET CODE: 02
                                                        MINOR BASIN: LAKE ERIE                                               003
                                                        TERM STREAM: BIG CREEK                                               2870

STN NO     6      LAT               LONG                 U.T.M. 17 0530100.0 4729600.0 4      REGION 02             MILEAGE   17.20

                                       934     901       444        80        81       84         88       805          3         1
SAMP DTE HOUR  STN  STN SAMP  PJ     SAMPLE       SCD  FLOW CFS     TOTAL     FECAL      M.F.    PSEUD.     WATER     DISS.     5-DAY
DY MO YR LMT   DIST BRG DEPTH            NO                      COLIFORM  COLIFORM    ENTER.       MPA     TEMP.        02       BOD
               FEET      MTRS                                    MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L

09 09 75 1130              .3        17297    6                    40.       10.  L    60.                 11.5       9.3        1.6
08 10 75 1215              .3        17314    6                   210.        4.       40.                 11.5      10.7        0.6
18 11 75 1200              .3        17357    6                   140.       30.       70.                  9.0      11.4        0.6
15 12 75 1150              .3        17404    3                   470.       44.      600.  G               6.0      12.0        0.8


                      MAXIMUM                                     470.       44.      600.                 11.5      12.0        1.6
           AVG OR GEOM MN (*)                                     153.*     15.* D    100.* U               9.5      10.9        0.9
                      MINIMUM                                      40.        4.       40.                  6.0       9.3        0.6

                NO OF SAMPLES                                          4         4         4                    4         4         4




                                       33        34        19        20        21        22         16        14        56         55
SAMP DTE HOUR  STN  STN SAMP  PJ      TOTAL  FILTERED  FILTERED     TOTAL   NITRITE   NITRATE    TURB.      COND.  CHLORIDE        PH
DY MO YR LMT   DIST BRG DEPTH             P  REACTIVE   AMMONIA  KJELDAHL     NO2-N     NO3-N   FORMAZIN     25C      MG/L    AT LAB
               FEET      MTRS          MG/L    P MG/L      MG/L      MG/L      MG/L      MG/L    UNITS      UMHOS

09 09 75 1130              .3        0.015     0.002     0.01 L    0.25      0.006     0.730      1.50       420       5.
08 10 75 1215              .3        0.009     0.004     0.01 L    0.19      0.004     0.800      1.00       465       5.
18 11 75 1200              .3        0.020     0.004     0.01 L    0.32      0.006     0.960      2.20       460       6.
15 12 75 1150              .3        0.060     0.007     0.03      0.50      0.010     1.000      7.50       450       7.


                      MAXIMUM        0.060     0.007     0.03      0.50      0.010     1.000      7.50       465       7.
           AVG OR GEOM MN (*)        0.026     0.004     0.02 D    0.32      0.007     0.873      3.05       449       5.
                      MINIMUM        0.009     0.002     0.01      0.19      0.004     0.730      1.00       420       5.

                NO OF SAMPLES            4         4         4         4         4         4         4         4         4




                                       59         5         6          7       107        67         66        45        47        41
SAMP DTE HOUR  STN  STN SAMP  PJ   SULPHATE     TOTAL     SUSP.     DISS.     DISS.   PTSSIUM     SODIUM     TOT C   ORGANIC       COD
DY MO YR LMT   DIST BRG DEPTH                  SOLIDS    SOLIDS    SOLIDS    SOLIDS         K        NA       AS C    C AS C
               FEET      MTRS          MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

08 10 75 1215              .3                  294.        2.       292
18 11 75 1200              .3                              6.
15 12 75 1150              .3                  329.       29.       300


                      MAXIMUM                  329.       29.       300
           AVG OR GEOM MN (*)                  311.       12.       296
                      MINIMUM                  294.        2.       292

                NO OF SAMPLES                       2         3         2
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SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: VENISON CREEK
SAMPLE POINT: AT MIDDLETON NORTH AND WALSINGHAM TOWNSHIP LINE
STATION TYPE: RIVER

STATION ID: 16-0124-007-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: BIG CREEK

STORET CODE: 02
003
2870

STN NO 7 LAT LONG U.T.M. 17 0530250.0 4734850.0 4 REGION 02 MILEAGE 21.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
09 09 75 1120			.3		17298	6		160.	30.	20.		10.0	7.7	2.0
08 10 75 1155			.3		17313	6		90.	40.	10.		12.5	8.7	0.8
18 11 75 1140			.3		17356	6		200.	100.	30.		10.0	9.8	0.6
15 12 75 1205			.3		17403	3		750.	110.	350.		7.0	11.9	1.0
MAXIMUM								750.	110.	350.		12.5	11.9	2.0
AVG OR GEOM MN (*)								216.*	60.*	38.*		9.9	9.5	1.1
MINIMUM								90.	30.	10.		7.0	7.7	0.6
NO OF SAMPLES								4	4	4		4	4	4

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
09 09 75 1120			.3		0.009	0.001	0.01	0.33	0.010	0.610	2.00	485	5.	
08 10 75 1155			.3		0.009	0.001	0.01	0.35	0.006	0.640	1.30	525	6.	
18 11 75 1140			.3		0.011	0.002	0.03	0.46	0.012	0.950	2.50	530	7.	
15 12 75 1205			.3		0.050	0.004	0.02	0.78	0.011	1.500	7.00	480	9.	
MAXIMUM					0.050	0.004	0.03	0.78	0.012	1.500	7.00	530	9.	
AVG OR GEOM MN (*)					0.020	0.002	0.02	0.48	0.010	0.925	3.20	505	6.	
MINIMUM					0.009	0.001	0.01	0.33	0.006	0.610	1.30	480	5.	
NO OF SAMPLES					4	4	4	4	4	4	4	4	4	

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
08 10 75 1155			.3			365.	1.	364						
18 11 75 1140			.3			369.	2.	367						
15 12 75 1205			.3			346.	19.	327						
MAXIMUM						369.	19.	367						
AVG OR GEOM MN (*)						360.	7.	353						
MINIMUM						346.	1.	327						
NO OF SAMPLES						3	3	3						

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SAMPLE INFORMATION SYSTEM       STATION SUMMARY REPORT - RIVER BASINS                          DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: VENISON CREEK                                                                      STATION ID:  16-0124-008-02
 SAMPLE POINT: AT DAM NEAR HAZEN ROAD MIDDLETON TOWNSHIP
 STATION TYPE: RIVER                                  MAJOR BASIN: GREAT LAKES                                 STORET CODE: 02
                                                      MINOR BASIN: LAKE ERIE                                                003
                                                      TERM STREAM: BIG CREEK                                                2870

STN NO      8      LAT              LONG              U.T.M. 17 0530400.0 4735400.0 4      REGION 02               MILEAGE   21.60


                                         934       901       444        80        81        84        88       805         3         1
SAMP DTE HOUR  STN  STN SAMP  PJ      SAMPLE        SCD  FLOW CFS     TOTAL     FECAL      M.F.    PSEUD.     WATER     DISS.     5-DAY
DY MO YR LMT   DIST BRG DEPTH             NO                       COLIFORM  COLIFORM    ENTER.       MPA     TEMP.        O2       BOD
               FEET       MTRS                                     MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L

09 09 75 1115                .3        17299     6                   100.       10.  L    10.                  15.0       6.7       2.6
08 10 75 1140                .3        17312     6                    90.       20.       40.                  13.0       9.2       1.2
18 11 75 1130                .3        17355     6                   150.       10.  L    30.                   8.5      10.9       0.8
15 12 75 1220                .3        17402     3                   100.       20.      220.                   7.0      11.8       0.8


                       MAXIMUM                                       150.       20.      220.                  15.0      11.8       2.6
           AVG OR GEOM MN (*)                                        108.*      14.* D    40.*                 10.9       9.7       1.4
                       MINIMUM                                        90.       10.       10.                   7.0       6.7       0.8

                  NO OF SAMPLES                                         4         4         4                     4         4         4




                                          33        34        19        20        21        22        16        14        56        55
SAMP DTE HOUR  STN  STN SAMP  PJ       TOTAL  FILTERED  FILTERED     TOTAL   NITRITE   NITRATE     TURB.     COND.  CHLORIDE        PH
DY MO YR LMT   DIST BRG DEPTH              P  REACTIVE   AMMONIA  KJELDAHL    NO2-N     NO3-N   FORMAZIN      25C      MG/L     AT LAB
               FEET       MTRS          MG/L    P MG/L      MG/L      MG/L      MG/L      MG/L     UNITS     UMHOS

09 09 75 1115                .3        0.023     0.001      0.06      0.47     0.014     0.340      1.20       550        8.
08 10 75 1140                .3        0.027     0.002      0.03      0.34     0.010     0.420      1.00       485       10.
18 11 75 1130                .3        0.022     0.005      0.03      0.34     0.009     0.660      3.80       490       13.
15 12 75 1220                .3        0.022     0.006      0.04      0.40     0.010     0.930      4.40       470       14.


                       MAXIMUM         0.027     0.006      0.06      0.47     0.014     0.930      4.40       550       14.
           AVG OR GEOM MN (*)          0.024     0.004      0.04      0.39     0.011     0.588      2.60       499       11.
                       MINIMUM         0.022     0.001      0.03      0.34     0.009     0.340      1.00       470        8.

                  NO OF SAMPLES            4         4         4         4         4         4         4         4         4




                                          59         5         6         7       107        67        66        45        47        41
SAMP DTE HOUR  STN  STN SAMP  PJ    SULPHATE     TOTAL     SUSP.     DISS.     DISS.   PTSSIUM    SODIUM    TOT C    ORGANIC        COD
DY MO YR LMT   DIST BRG DEPTH                   SOLIDS    SOLIDS    SOLIDS    SOLIDS         K        NA     AS C     C AS C
               FEET       MTRS          MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

08 10 75 1140                .3                  328.        3.       325
18 11 75 1130                .3                  332.        2.       330
15 12 75 1220                .3                  314.        3.       311


                       MAXIMUM                   332.        3.       330
           AVG OR GEOM MN (*)                    324.        2.       322
                       MINIMUM                   314.        2.       311

                  NO OF SAMPLES                     3         3         3
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SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: DEDRICH CREEK
SAMPLE POINT: AT FRONT ROAD WALSINGHAM SOUTH TOWNSHIP
STATION TYPE: RIVER

STATION ID: 16-0126-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: DEDRICH CREEK

STORET CODE: 02
003
1080

STN NO 1 LAT LONG U.T.M. 17 0544225.0 4717790.0 4 REGION 02 MILEAGE 0.60

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
07 01 75 1115			.3		17004	6	40.4	3000.	210.	180.		2.0	13.5	0.8
10 02 75 1115			.3		17035	4	16.5	700.	220.	40.		0.0	23.0	1.0
10 03 75 1130			.3		17067	6	42.9	30.	10.	20.		1.0	16.0	1.2
02 04 75 1020			.3		17100	6	53.0	100.	30.	10. L		3.5	12.0	0.6
07 05 75 0930			.3		17133	3	44.6	480.	170.	120.		11.5	11.0	1.4
14 05 75 1030			.3		70200	6	18.9	340.	40.	10. L				1.2
22 05 75 1120			.3		70201	6	15.4	470.	230.	50.		21.0	9.0	4.0
02 06 75 1215			.3		17168	6	16.1	400.	180.	90.		18.5	9.0	1.4
09 06 75 1100			.3		70202	6	19.2	1700.	430.	240.		15.0	10.0	1.4
15 07 75 1205			.3		17203	9	10.2	420.	280.	230.		24.0	8.0	3.6
06 08 75 1235			.3		17238	6	4.3	500.	170.	360.		22.0	5.7	0.8
09 09 75 1220			.3		17272	6	7.8	26000.	6200.	170.		17.0	8.2	2.0
08 10 75 1110			.3		17311	6	12.0	6000.	100.	90.		12.5	9.9	1.0
18 11 75 1055			.3		17354	6	15.4	840.	40.	60.		8.0	11.4	0.6
15 12 75 1100			.3		17401	3	132.	16000.	620.	1500. G		7.0	12.4	2.0
MAXIMUM							132.	26000.	6200.	1500.		24.0	23.0	4.0
AVG OR GEOM MN (*)							29.9	879.*	161.*	90.* E		11.6	11.4	1.5
MINIMUM							4.3	30.	10.	10.		0.0	5.7	0.6
NO OF SAMPLES							15	15	15	15		14	14	15

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
07 01 75 1115			.3		0.038	0.015	0.02	0.40	0.010	1.800	7.00	445	11.	
10 02 75 1115			.3		0.016	0.006	0.01	0.27	0.006	1.300	4.20	446	11.	
10 03 75 1130			.3		0.033	0.010	0.02	0.36	0.008	1.400	11.00	385	8.	
02 04 75 1020			.3		0.026	0.006	0.02	0.38	0.007	1.300	11.00	368	7.	
07 05 75 0930			.3		0.047	0.002	0.01 L	0.46	0.008	0.350	15.50	395	7.	
14 05 75 1030			.3		0.061	0.013	0.11	0.65	0.013	0.250	14.00	400	10.	8.1
22 05 75 1120			.3		0.072	0.011	0.41	1.80	0.054	0.360	16.00	410	12.	8.0
02 06 75 1215			.3		0.050	0.001	0.04	0.58	0.011	0.290	7.00	380	6.	
09 06 75 1100			.3		0.010	0.008	0.03	0.70	0.022	0.830	19.00	405	8.	8.0
15 07 75 1205			.3		0.120	0.004	0.03	0.80	0.009	0.250	16.00	320	7.	
06 08 75 1235			.3		0.080	0.012	0.03	0.52	0.041	0.430	21.00	370	8.	
09 09 75 1220			.3		0.046	0.010	0.01	0.54	0.011	0.580	25.00	410	9.	
08 10 75 1110			.3		0.028	0.004	0.01 L	0.25	0.004	0.470	3.70	450	9.	
18 11 75 1055			.3		0.023	0.003	0.01	0.38	0.007	0.940	7.50	500	13.	
15 12 75 1100			.3		0.580	0.077	0.12	2.10	0.035	2.700	320.00	370	13.	
MAXIMUM					0.580	0.077	0.41	2.10	0.054	2.700	320.00	500	13.	8.1
AVG OR GEOM MN (*)					0.082	0.012	0.06 D	0.68	0.016	0.883	33.19	410	9.	8.0
MINIMUM					0.010	0.001	0.01	0.25	0.004	0.250	3.70	320	6.	8.0
NO OF SAMPLES					15	15	15	15	15	15	15	15	15	3

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
07 01 75 1115			.3			320.	15. L	305						
10 02 75 1115			.3			320.	19.	301						
10 03 75 1130			.3			243.	13.		230					
02 04 75 1020			.3			240.	20.	220						
07 05 75 0930			.3			283.	28.		255					
14 05 75 1030			.3			290.	13.	277						20L
22 05 75 1120			.3										11	20L
02 06 75 1215			.3			262.	15.		247					
09 06 75 1100			.3										9	20L
15 07 75 1205			.3			268.	60.		208					
06 08 75 1235			.3			286.	45.		241					
09 09 75 1220			.3			284.	26.	258						
08 10 75 1110			.3			301.	10.	291						
18 11 75 1055			.3			342.	12.	330						
15 12 75 1100			.3			639.	398.		241					
MAXIMUM						639.	398.	330	255				11	20
AVG OR GEOM MN (*)						313.	51. D	283	237				10	20D
MINIMUM						240.	10.	220	208				9	20
NO OF SAMPLES						13	13	7	6				2	3

SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: LYNN RIVER
SAMPLE POINT: AT HIGHWAY 6 PORT DOVER
STATION TYPE: RIVER

STATION ID: 16-0159-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: LYNN RIVER

STORET CODE: 02
003
0650

STN NO 1 LAT LONG U.T.M. 17 0565600.0 4737100.0 4 REGION 02 MILEAGE 0.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
07 01 75 1240			.3		17006	6		800.	20.	30.		1.5	14.0	0.8
10 02 75 1240			.3		17037	6 9		4200.	580.	110.		0.0	20.0	2.6
10 03 75 1250			.3		17069	6		200.	10.	100.		2.0	17.0	2.0
02 04 75 1105			.3		17102	6		200.	60.	80.		3.0	13.0	2.6
07 05 75 1220			.3		17135	6 9		900.	90.	30.		13.0	9.0	1.8
02 06 75 1345			.3		17170	6		2000.	70.	150.		19.0	9.0	4.0
15 07 75 1340			.3		17204	6		3300.	400.	40.		24.0	12.9	4.8
06 08 75 1350			.3		17239	6		6100.	100.	190.		24.5	6.3	3.6
09 09 75 1330			.3		17273	6		1000.	160.	10. L		18.5	8.4	4.4
08 10 75 1335			.3		17316	6		900.	50.	30.		14.5	9.7	1.4
18 11 75 1315			.3		17359	6		950.	100.	40.		8.0	10.1	1.8
15 12 75 1350			.3		17406	3 9		11700.	210.	1500. G		7.0	11.8	2.8
MAXIMUM								11700.	580.	1500.		24.5	20.0	4.8
AVG OR GEOM MN (*)								1382.*	90.*	71.* E		11.3	11.8	2.7
MINIMUM								200.	10.	10.		0.0	6.3	0.8
NO OF SAMPLES								12	12	12		12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
07 01 75 1240			.3		0.041	0.018	0.09	0.45	0.053	3.400	3.90	630	47.	
10 02 75 1240			.3		0.082	0.022	0.55	1.00	0.024	2.000	2.90	660	46.	
10 03 75 1250			.3		0.068	0.035	0.16	0.64	0.022	2.100	12.00	450	28.	
02 04 75 1105			.3		0.082	0.033	0.21	0.74	0.025	2.800	7.00	497	22.	
07 05 75 1220			.3		0.130	0.013	0.16	0.86	0.062	0.910	30.00	540	25.	
02 06 75 1345			.3		0.170	0.005	0.20	1.10	0.085	1.900	20.00	465	22.	
15 07 75 1340			.3		0.100	0.001	0.03	0.93	0.023	0.510	13.00	410	25.	
06 08 75 1350			.3		0.130	0.005	0.01	1.00	0.053	0.750	22.00	480	30.	
09 09 75 1330			.3		0.074	0.018	0.07	0.88	0.190	2.000	15.00	550	28.	
08 10 75 1335			.3		0.074	0.017	0.05	0.51	0.065	1.600	4.90	600	25.	
18 11 75 1315			.3		0.062	0.027	0.11	0.59	0.038	1.700	5.50	600	25.	
15 12 75 1350			.3		0.140	0.060	0.14	1.90	0.039	2.700	270.00	420	21.	
MAXIMUM					0.170	0.060	0.55	1.90	0.190	3.400	270.00	660	47.	
AVG OR GEOM MN (*)					0.096	0.021	0.15	0.88	0.057	1.864	33.85	525	28.	
MINIMUM					0.041	0.001	0.01	0.45	0.022	0.510	2.90	410	21.	
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
07 01 75 1240			.3			430.	15. L	415						
10 02 75 1240			.3			430.	26.	404						
10 03 75 1250			.3			320.	9.	311						
02 04 75 1105			.3			330.	12.	318						
07 05 75 1220			.3			450.	64.	386						
02 06 75 1345			.3			380.	51.	329						
15 07 75 1340			.3			350.	28.	322						
06 08 75 1350			.3			464.	54.	410						
09 09 75 1330			.3			380.	21.	359						
08 10 75 1335			.3			421.	18.	403						
18 11 75 1315			.3			433.	7.	426						
15 12 75 1350			.3			710.	311.	399						
MAXIMUM						710.	311.	426						
AVG OR GEOM MN (*)						424.	51. D	374						
MINIMUM						320.	7.	311						
NO OF SAMPLES						12	12	12						

SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: LYNN RIVER STATION ID: 16-0159-002-02
SAMPLE POINT: AT BRIDGE ON LYNN VALLEY ROAD DOWNSTREAM FROM SIMCOE STP
STATION TYPE: RIVER
MAJOR BASIN: GREAT LAKES STORET CODE: 02
MINOR BASIN: LAKE ERIE 003
TERM STREAM: LYNN RIVER 0650

STN NO 2 LAT LONG U.T.M. 17 0559000.0 4740050.0 4 REGION 02 MILEAGE 5.60

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
07 01 75	1220			.3		17005	6	50.1	2000.	30.	30.		3.5	13.5	2.2
10 02 75	1145			.3		17036	6	44.2	6100.	220.	70.		1.0	22.0	1.6
10 03 75	1200			.3		17068	6	59.5	100.	10. L	10. L		2.0	16.0	2.2
02 04 75	1050			.3		17101	6	90.5	300.	20.	100.		4.5	12.0	1.0
07 05 75	0930			.3		17134	6	68.5	570.	160.	10. L		11.0	11.0	2.0
02 06 75	1030			.3		17169	6	60.7	5900.	150.	360.		17.0	9.0	2.2
15 07 75	1100			.3		17200	6		1130.	590.	280.		19.0	8.4	2.6
06 08 75	1110			.3		17235	6	44.6	1400.	690.	1430.		18.5	8.0	3.8
09 09 75	1310			.3		17269	6	37.9	19200.	5800.	400.		15.5	8.5	4.6
08 10 75	1305			.3		17315	6	40.3	4000.	200.	80.		13.5	10.9	1.8
18 11 75	1245			.3		17358	6	46.0	1200.	90.	30.		10.0	12.5	1.4
15 12 75	1330			.3		17405	3	114.	16000.	800.	1500. G		8.0	11.7	2.0
MAXIMUM								114.	19200.	5800.	1500.		19.0	22.0	4.6
AVG OR GEOM MN (*)								59.7	1942.*	179.* D	113.* E		10.3	12.0	2.3
MINIMUM								37.9	100.	10.	10.		1.0	8.0	1.0
NO OF SAMPLES								11	12	12	12		12	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
07 01 75	1220			.3		0.046	0.018	0.36	0.60	0.110	1.700	4.10	690	71.	
10 02 75	1145			.3		0.110	0.028	0.46	1.10	0.026	1.900	3.10	590	22.	
10 03 75	1200			.3		0.062	0.012	0.60	0.95	0.023	1.700	4.00	550	21.	
02 04 75	1050			.3		0.250	0.160	0.18	0.56	0.023	1.600	3.40	520	17.	
07 05 75	0930			.3		0.060	0.003	0.10	0.61	0.045	1.000	8.00	550	18.	
02 06 75	1030			.3		0.120	0.009	0.09	0.94	0.071	1.200	5.50	480	16.	
15 07 75	1100			.3		0.098	0.017	0.08	0.59	0.037	0.880	4.50	490	20.	
06 08 75	1110			.3		0.096	0.028	0.06	0.62	0.200	1.800	12.00	510	23.	
09 09 75	1310			.3		0.160	0.100	0.43	0.84	0.180	1.600	2.50	560	27.	
08 10 75	1305			.3		0.059	0.028	0.60	1.10	0.080	1.500	1.70	600	20.	
18 11 75	1245			.3		0.052	0.019	0.07	0.47	0.028	1.400	3.20	600	26.	
15 12 75	1330			.3		0.160	0.025	0.09	0.76	0.022	1.800	50.00	510	28.	
MAXIMUM						0.250	0.160	0.60	1.10	0.200	1.900	50.00	690	71.	
AVG OR GEOM MN (*)						0.106	0.037	0.26	0.76	0.070	1.507	8.50	554	25.	
MINIMUM						0.046	0.003	0.06	0.47	0.022	0.880	1.70	480	16.	
NO OF SAMPLES						12	12	12	12	12	12	12	12	12	

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
07 01 75	1220			.3			450.	15. L	435						
10 02 75	1145			.3			390.	23.	367						
10 03 75	1200			.3			420.	9.	411						
02 04 75	1050			.3			350.	8.	342						
07 05 75	0930			.3			900.	12.	888						
02 06 75	1030			.3			380.	22.	358						
15 07 75	1100			.3			396.	13.	383						
06 08 75	1110			.3			530.	32.	498						
09 09 75	1310			.3				13.							
08 10 75	1305			.3			372.	4.	368						
18 11 75	1245			.3			415.	5.	410						
15 12 75	1330			.3			390.	46.	344						
MAXIMUM							900.	46.	888						
AVG OR GEOM MN (*)							453.	16. D	437						
MINIMUM							350.	4.	342						
NO OF SAMPLES							11	12	11						

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SAMPLE INFORMATION SYSTEM       STATION SUMMARY REPORT - RIVER BASINS                        DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: FOLEY CREEK                                                                      STATION ID:  16-0162-001-02
 SAMPLE POINT: FIRST ROAD UPSTREAM FROM LAKE ERIE
 STATION TYPE: RIVER                                    MAJOR BASIN: GREAT LAKES                                   STORET CODE: 02
                                                        MINOR BASIN: LAKE ERIE                                                  003
                                                        TERM STREAM: FOLEY CREEK                                                0610

STN NO     1      LAT               LONG                U.T.M. 17 0570400.0 4737250.0 4     REGION 02             MILEAGE    0.10


                                      934      901       444         80          81          84         88         805         3          1
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE        SCD FLOW CFS    TOTAL       FECAL       M.F.    PSEUD.    WATER      DISS.     5-DAY
DY MO YR LMT   DIST BRG DEPTH           NO                     COLIFORM    COLIFORM     ENTER.       MPA    TEMP.         O2       BOD
               FEET       MTRS                                 MF/100ML    MF/100ML   MF/100ML  MF/100ML    DEG C       MG/L      MG/L

02 06 75 1400               .3      17161    6                     800.         70.        40.               19.0        7.0       2.2
15 07 75 1350               .3      17205    6           7.1       400.        120.       190.               24.0        5.0       1.4
06 08 75 1450               .3      17240    6 7                  5000.        300.      1400.               22.0        3.5       2.8
09 09 75 1340               .3      17274    6                    3000.        100.       400.               17.0        4.7       6.2
06 10 75 1230               .3      17305    6                     700.         80.        10.               15.5        4.6       1.8
13 11 75 1105               .3      17348    6                    5300.       1600.      1500.                8.0        8.8       2.0
15 12 75 1410               .3      17411    3                   22000.        290.      1500.  G             6.0       12.5       2.4


                       MAXIMUM                           7.1      5300.       1600.      1500.               24.0       12.5       6.2
            AVG OR GEOM MN (*)                           7.1      2346.*       191.*      267.* U            15.9        6.6       2.7
                       MINIMUM                           7.1       400.         70.        10.                6.0        3.5       1.4

                 NO OF SAMPLES                              1         7         7         7                   7         7         7



                                      33         34        19        20        21        22        16         14     56           55
SAMP DTE HOUR  STN  STN SAMP  PJ      TOTAL  FILTERED  FILTERED     TOTAL   NITRITE   NITRATE     TURB.     COND.  CHLORIDE         PH
DY MO YR LMT   DIST BRG DEPTH             P  REACTIVE   AMMONIA  KJELDAHL     NO2-N     NO3-N  FORMAZIN       25C     MG/L     AT LAB
               FEET       MTRS         MG/L    P MG/L      MG/L      MG/L      MG/L      MG/L     UNITS    UMHOS

02 06 75 1400               .3        0.090     0.003     0.01 L     1.20     0.003     0.010      8.20       510       8.
15 07 75 1350               .3        0.090     0.004     0.06       1.10     0.045     0.630     25.00       560      18.
06 08 75 1450               .3        0.190     0.023     0.27       1.80     0.046     0.140     40.00       590      20.
09 09 75 1340               .3        0.090     0.018     0.11       0.66     0.041     4.100     50.00       430      14.
06 10 75 1230               .3        0.180     0.019     0.02       1.50     0.087     2.500     49.00       485      12.
13 11 75 1105               .3        0.280     0.077     0.10       2.00     0.052     2.700    120.00       400      11.
15 12 75 1410               .3        0.520     0.140     0.30       2.40     0.091     2.400    340.00       225       8.


                       MAXIMUM        0.520     0.140     0.30       2.40     0.091     4.100    340.00       590      20.
            AVG OR GEOM MN (*)        0.206     0.041     0.12 D     1.52     0.052     1.783     90.31       457      13.
                       MINIMUM        0.090     0.003     0.01       0.66     0.003     0.010      8.20       225       8.

                 NO OF SAMPLES            7         7         7         7         7         7         7         7        7


                                       59         5         6          7       107        67        66       45      47           41
SAMP DTE HOUR  STN  STN SAMP  PJ  SULPHATE     TOTAL     SUSP.     DISS.     DISS.   PTSSIUM    SODIUM     TOT C   ORGANIC       COD
DY MO YR LMT   DIST BRG DEPTH                 SOLIDS    SOLIDS    SOLIDS    SOLIDS         K        NA      AS C    C AS C
               FEET       MTRS         MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

02 06 75 1400               .3                   420.       35.       385
15 07 75 1350               .3                   450.       85.       365
06 08 75 1450               .3                   668.       98.       570
09 09 75 1340               .3                   360.       59.       301
06 10 75 1230               .3                   586.      162.       424
13 11 75 1105               .3                   478.      218.                 260
15 12 75 1410               .3                   352.      206.                 146


                       MAXIMUM                   668.      218.       570       260
            AVG OR GEOM MN (*)                   473.      123.       409       203
                       MINIMUM                   352.       35.       301       146

                 NO OF SAMPLES                      7         7         5         2
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SAMPLE INFORMATION SYSTEM          STATION SUMMARY REPORT - RIVER BASINS                              DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: NANTICOKE CREEK                                                                          STATION ID:  16-0164-001-02
 SAMPLE POINT: AT COUNTY ROAD NO 11 NANTICOKE
 STATION TYPE: RIVER                                            MAJOR BASIN: GREAT LAKES                                STORET CODE: 02
                                                                MINOR BASIN: LAKE ERIE                                               003
                                                                TERM STREAM: NANTICOKE CREEK                                         0550

STN NO      1        LAT                   LONG                 U.T.M. 17 0575500.0 4739950.0 4      REGION 02              MILEAGE     1.00


                                           934        901        444         80          81          84          88         805          3           1
SAMP DTE HOUR  STN  STN SAMP  PJ        SAMPLE        SCD  FLOW CFS       TOTAL       FECAL        M.F.      PSEUD.       WATER       DISS.       5-DAY
DY MO YR LMT   DIST BRG DEPTH               NO                        COLIFORM    COLIFORM      ENTER.         MPA       TEMP.          O2         BOD
               FEET       MTRS                                        MF/100ML    MF/100ML    MF/100ML    MF/100ML      DEG C        MG/L        MG/L

07 01 75 1300                .3         17007      6         65.6      1900.         20.        300.                    2.0        14.0         0.6
10 02 75 1300                .3         17038      4         30.4       200.         10.  L      10.                    0.0        22.0         1.0
10 03 75 1305                .3         17070      6         68.0        50.          8.         16.                    0.0        17.0         1.6
02 04 75 1120                .3         17103      6        103.        120.         20.         10.  L                 2.5        13.0         1.0
07 05 75 1315                .3         17136      6         35.4        80.         40.         80.                   17.0        12.0         4.2
02 06 75 1410                .3         17171      6         27.2       600.         90.        150.                   24.0        13.0         4.4
15 07 75 1410                .3         17206      6          7.1      1100.        410.        260.                   25.5        11.0         3.2
06 08 75 1515                .3         17241      6         12.1      2200.        550.       1010.                   21.0         9.8         3.0
09 09 75 1405                .3         17275      6         20.0      1600.        300.        100.                   18.5        10.3         6.2
06 10 75 1305                .3         17306      6         16.2       700.        120.         10.                   16.0        12.5         1.6
13 11 75 1135                .3         17349      6         63.2     17000.        470.       1100.                    8.0        11.8         0.8
10 12 75 1325                .3         17412      3        181.      15000.  G     590.       1500.  G                 1.0        14.7         2.8


                      MAXIMUM                               181.      17000.        590.       1500.                   25.5        22.0         6.2
            AVG OR GEOM MN (*)                               52.4       660.* U      89.* D     107.* E                11.3        13.4         2.5
                      MINIMUM                                 7.1        50.          8.         10.                    0.0         9.8         0.6

                NO OF SAMPLES                                 12          12          12          12                     12          12          12



                                            33         34         19          20          21          22          16          14          56          55
SAMP DTE HOUR  STN  STN SAMP  PJ         TOTAL   FILTERED   FILTERED       TOTAL     NITRITE     NITRATE       TURB.       COND.    CHLORIDE          PH
DY MO YR LMT   DIST BRG DEPTH                P   REACTIVE   AMMONIA     KJELDAHL      NO2-N       NO3-N    FORMAZIN         25C        MG/L      AT LAB
               FEET       MTRS            MG/L     P MG/L       MG/L        MG/L        MG/L        MG/L       UNITS       UMHOS

07 01 75 1300                .3          0.090      0.031      0.05        1.00       0.021       3.100       30.00         550         27.
10 02 75 1300                .3          0.042      0.019      0.05        0.53       0.012       1.900        3.70         565         27.
10 03 75 1305                .3          0.070      0.029      0.08        0.65       0.017       2.200       13.00         495         25.
02 04 75 1120                .3          0.040      0.015      0.02        0.50       0.011       2.800       11.00         465         20.
07 05 75 1315                .3          0.120      0.003      0.03        0.94       0.023       0.740       32.00         540         28.
02 06 75 1410                .3          0.220      0.003      0.01 L      1.80       0.009       0.040       48.00         520         34.
15 07 75 1410                .3          0.220      0.003      0.03        1.20       0.011       0.220        6.40         490         40.
06 08 75 1515                .3          0.250      0.008      0.03        1.30       0.006       0.010L      65.00         480         34.
09 09 75 1405                .3          0.120      0.009      0.01 L      1.40       0.031       1.300       58.00         515         29.
06 10 75 1305                .3          0.088      0.007      0.01 L      0.90       0.011       0.940       32.00         675         33.
13 11 75 1135                .3          0.150      0.053      0.02        0.90       0.024       2.600       25.00         620         27.
10 12 75 1325                .3          0.170      0.081      0.16        1.10       0.028       2.300       85.00         450         21.


                      MAXIMUM            0.250      0.081      0.16        1.80       0.031       3.100       85.00         675         40.
            AVG OR GEOM MN (*)           0.132      0.022      0.04 D      1.02       0.017       1.513D      34.09         530         28.
                      MINIMUM            0.040      0.003      0.01        0.50       0.006       0.010        3.70         450         20.

                NO OF SAMPLES               12         12         12          12          12          12          12          12          12



                                            59          5          6           7         107          67          66          45          47          41
SAMP DTE HOUR  STN  STN SAMP  PJ      SULPHATE      TOTAL      SUSP.       DISS.       DISS.     PTSSIUM      SODIUM       TOT C     ORGANIC         COD
DY MO YR LMT   DIST BRG DEPTH                      SOLIDS     SOLIDS      SOLIDS      SOLIDS           K          NA        AS C      C AS C
               FEET       MTRS            MG/L       MG/L       MG/L        MG/L        MG/L        MG/L        MG/L        MG/L        MG/L        MG/L

07 01 75 1300                .3                     410.       15. L       395
10 02 75 1300                .3                     390.        8.         382
10 03 75 1305                .3                     360.       10.         350
02 04 75 1120                .3                     320.       17.         303
07 05 75 1315                .3                     460.       49.         411
02 06 75 1410                .3                     470.      140.         330
15 07 75 1410                .3                     432.      122.         310
06 08 75 1515                .3                     434.      123.         311
09 09 75 1405                .3                     447.       94.         353
06 10 75 1305                .3                     544.       76.         468
13 11 75 1135                .3                     481.       42.         439
10 12 75 1325                .3                     385.       28.         357


                      MAXIMUM                       544.      140.         468
            AVG OR GEOM MN (*)                      427.       60. D       367
                      MINIMUM                       320.        8.         303

                NO OF SAMPLES                         12         12          12
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B.O.W./ SITE: NANTICOKE CREEK
SAMPLE POINT: AT COUNTY ROAD 27 AND 32
STATION TYPE: RIVER

STATION ID: 16-0164-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: NANTICOKE CREEK

STORET CODE: 02
003
0550

STN NO 2   LAT   LONG   U.T.M. 17 0570400.0 4747850.0 4   REGION 02   MILEAGE 11.10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
15 07 75 1010			.3		17198	6		12000.	1000.	500.		21.0	7.7	6.0
06 08 75 1010			.3		17233	6		3000.	1900.	2100.		20.0	5.8	4.0
09 09 75 1005			.3		17267	6		4000.	1000.	100.		15.0	7.3	7.2
06 10 75 1045			.3		17303	6		900.	510.	100.		15.0	8.7	2.4
13 11 75 1000			.3		17346	6		2100.	900.	310.		6.0	10.5	0.8
10 12 75 1010			.3		17409	6		15000. G	1500. G	1500. G		1.5	14.0	2.0
MAXIMUM								15000.	1900.	2100.		21.0	14.0	7.2
AVG OR GEOM MN (*)								3997.* U	1045.* U	411.* U		13.1	9.0	3.7
MINIMUM								900.	510.	100.		1.5	5.8	0.8
NO OF SAMPLES								6	6	6		6	6	6

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
15 07 75 1010			.3		0.330	0.008	0.08	1.70	0.014	0.250	68.00	520	47.	
06 08 75 1010			.3		0.360	0.025	0.01 L	1.80	0.039	0.960	72.00	465	28.	
09 09 75 1005			.3		0.270	0.012	0.01 L	1.70	0.018	0.750	45.00	550	30.	
06 10 75 1045			.3		0.130	0.020	0.01 L	0.98	0.023	1.200	24.00	650	32.	
13 11 75 1000			.3		0.094	0.033	0.02	0.72	0.023	2.500	9.10	640	25.	
10 12 75 1010			.3		0.082	0.032	0.07	0.73	0.019	2.900	23.00	550	21.	
MAXIMUM					0.360	0.033	0.08	1.80	0.039	2.900	72.00	650	47.	
AVG OR GEOM MN (*)					0.211	0.022	0.03 D	1.27	0.023	1.427	40.18	563	30.	
MINIMUM					0.082	0.008	0.01	0.72	0.014	0.250	9.10	465	21.	
NO OF SAMPLES					6	6	6	6	6	6	6	6	6	

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
15 07 75 1010			.3			540.	185.	355						
06 08 75 1010			.3			454.	146.	308						
09 09 75 1005			.3			450.	48.	402						
06 10 75 1045			.3			536.	55.	481						
13 11 75 1000			.3			505.	16.	489						
10 12 75 1010			.3			399.	11.	388						
MAXIMUM						540.	185.	489						
AVG OR GEOM MN (*)						480.	76.	404						
MINIMUM						399.	11.	308						
NO OF SAMPLES						6	6	6						

SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: NANTICOKE CREEK STATION ID: 16-0164-003-02
SAMPLE POINT: AT TOWNSHIP ROAD 7 EAST OF DAM WATERFORD
STATION TYPE: RIVER
MAJOR BASIN: GREAT LAKES STORET CODE: 02
MINOR BASIN: LAKE ERIE 003
TERM STREAM: NANTICOKE CREEK 0550

STN NO 3 LAT LONG U.T.M. 17 0559350.0 4754200.0 4 REGION 02 MILEAGE 24.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
15 07 75 1025			.3		17199	6		720.	230.	280.		22.5	8.8	4.4
06 08 75 1040			.3		17234	6		4900.	680.	820.		21.5	6.6	4.0
09 09 75 1025			.3		17268	6		1600.	100.	100. L		17.0	8.3	6.0
08 10 75 1430			.3		17304	6		320.	50.	40.		17.0	10.9	2.4
13 11 75 1025			.3		17347	6		610.	30.	10. L		9.0	10.9	0.8
10 12 75 1025			.3		17410	6		900.	60.	60.		1.5	14.3	1.6
MAXIMUM								4900.	680.	820.		22.5	14.3	6.0
AVG OR GEOM MN (*)								998.*	105.*	90.* D		14.8	10.0	3.2
MINIMUM								320.	30.	10.		1.5	6.6	0.8
NO OF SAMPLES								6	6	6		6	6	6

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
15 07 75 1025			.3		0.120	0.002	0.02	1.20	0.014	0.230	15.00	470	21.	
06 08 75 1040			.3		0.240	0.008	0.06	2.00	0.066	0.680	40.00	455	21.	
09 09 75 1025			.3		0.110	0.002	0.03	1.30	0.018	0.500	17.00	485	17.	
08 10 75 1430			.3		0.046	0.001	0.01	0.83	0.016	0.770	4.00	550	16.	
13 11 75 1025			.3		0.060	0.005	0.03	0.74	0.016	0.670	5.00	560	15.	
10 12 75 1025			.3		0.020	0.003	0.10	0.64	0.012	1.100	2.50	570	15.	
MAXIMUM					0.240	0.008	0.10	2.00	0.066	1.100	40.00	570	21.	
AVG OR GEOM MN (*)					0.099	0.004	0.04	1.12	0.024	0.658	13.92	515	17.	
MINIMUM					0.020	0.001	0.01	0.64	0.012	0.230	2.50	455	15.	
NO OF SAMPLES					6	6	6	6	6	6	6	6	6	

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
15 07 75 1025			.3			412.	44.	368						
06 08 75 1040			.3			494.	132.	362						
09 09 75 1025			.3			384.	83.	301						
08 10 75 1430			.3			403.	14.	389						
13 11 75 1025			.3			411.	12.	399						
10 12 75 1025			.3			392.	3.	389						
MAXIMUM						494.	132.	399						
AVG OR GEOM MN (*)						416.	48.	368						
MINIMUM						384.	3.	301						
NO OF SAMPLES						6	6	6						

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SAMPLE INFORMATION SYSTEM       STATION SUMMARY REPORT - RIVER BASINS                       DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: SANDUSK CREEK                                                                   STATION ID:  16-0170-001-02
 SAMPLE POINT: AT COUNTY ROAD NO 34 WOODSIDE PARK
 STATION TYPE: RIVER                                    MAJOR BASIN: GREAT LAKES                         STORET CODE: 02
                                                        MINOR BASIN: LAKE ERIE                                        003
                                                        TERM STREAM: SANDUSK CREEK                                    0490

STN NO      1       LAT                LONG            U.T.M. 17 0584250.0 4739950.0 4      REGION 02          MILEAGE     0.60


                                           934       901       444        80        81        84        88       805         3         1
SAMP DTE HOUR  STN  STN SAMP  PJ        SAMPLE       SCD  FLOW CFS     TOTAL     FECAL      M.F.    PSEUD.     WATER     DISS.     5-DAY
DY MO YR LMT   DIST BRG DEPTH               NO                      COLIFORM  COLIFORM    ENTER.       MPA     TEMP.        O2       BOD
               FEET       MTRS                                      MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L

07 01 75 1310               .3           17008  6                      2200.       50.      300.                 1.0      13.0       0.4
10 02 75 1315               .3           17039  4                      1700.     10. L       40.                 0.0      22.0       5.0
10 03 75 1315               .3           17071  4                       100.       96.      132.                 0.0      16.0       3.6
02 04 75 1135               .3           17104  3                       300.      120.      120.                 2.5      12.0       2.0


                       MAXIMUM                                         2200.      120.      300.                 2.5      22.0       5.0
            AVG OR GEOM MN (*)                                         579.*    49.* D     117.*                 0.9      15.8       2.8
                       MINIMUM                                          100.       10.       40.                 0.0      12.0       0.4

                 NO OF SAMPLES                                             4         4         4                   4         4         4



                                            33        34        19        20        21        22        16        14        56        55
SAMP DTE HOUR  STN  STN SAMP  PJ         TOTAL  FILTERED  FILTERED     TOTAL   NITRITE   NITRATE     TURB.     COND.  CHLORIDE        PH
DY MO YR LMT   DIST BRG DEPTH                P  REACTIVE   AMMONIA  KJELDAHL     NO2-N     NO3-N  FORMAZIN       25C      MG/L    AT LAB
               FEET       MTRS            MG/L    P MG/L      MG/L      MG/L      MG/L      MG/L     UNITS     UMHOS

07 01 75 1310               .3           0.130     0.069      0.11      0.95     0.034     3.600     51.00       510       31.
10 02 75 1315               .3           0.140     0.055      0.03      0.94     0.020     1.300     35.00       344       21.
10 03 75 1315               .3           0.150     0.086      0.38      1.30     0.034     2.000     45.00       345       26.
02 04 75 1135               .3           0.170     0.077      0.20      1.20     0.037     1.900     77.00       370       15.


                       MAXIMUM           0.170     0.086      0.38      1.30     0.037     3.600     77.00       510       31.
            AVG OR GEOM MN (*)           0.148     0.072      0.18      1.10     0.031     2.200     52.00       392       23.
                       MINIMUM           0.130     0.055      0.03      0.94     0.020     1.300     35.00       344       15.

                 NO OF SAMPLES               4         4         4         4         4         4         4         4         4



                                            59         5         6         7       107        67        66        45        47        41
SAMP DTE HOUR  STN  STN SAMP  PJ      SULPHATE     TOTAL     SUSP.     DISS.     DISS.   PTSSIUM    SODIUM     TOT C   ORGANIC       COD
DY MO YR LMT   DIST BRG DEPTH                     SOLIDS    SOLIDS    SOLIDS    SOLIDS         K        NA      AS C    C AS C
               FEET       MTRS            MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

07 01 75 1310               .3                      420.     15. L       405
10 02 75 1315               .3                      282.       57.       225
10 03 75 1315               .3                      243.       19.                 224
02 04 75 1135               .3                      350.       37.       313


                       MAXIMUM                      420.       57.       405       224
            AVG OR GEOM MN (*)                      323.     32. D       314       224
                       MINIMUM                      243.       15.       225       224

                 NO OF SAMPLES                         4         4         3         1
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SAMPLE INFORMATION SYSTEM        STATION SUMMARY REPORT - RIVER BASINS                         DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: SANDUSK CREEK                                                                    STATION ID:  16-0170-002-82
 SAMPLE POINT: AT HALDIMAND COUNTY ROAD NO 11
 STATION TYPE: RIVER                                             MAJOR BASIN: GREAT LAKES                          STORET CODE: 02
                                                                 MINOR BASIN: LAKE ERIE                                         003
                                                                 TERM STREAM: SANDUSK CREEK                                     0490

STN NO       2       LAT                 LONG                    U.T.M. 17 0582200.0 4741550.0 4      REGION 02           MILEAGE    2.80

                                             934       901       444        80        81        84        88       805         3         1
SAMP DTE HOUR  STN  STN SAMP  PJ          SAMPLE       SCD  FLOW CFS     TOTAL     FECAL      M.F.    PSEUD.     WATER     DISS.     5-DAY
DY MO YR LMT   DIST BRG DEPTH                 NO                      COLIFORM  COLIFORM    ENTER.       MPA     TEMP.        O2       BOD
               FEET      MTRS                                         MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L

07 05 75 1330              .3              17137         6                900.      360.      720.                          10.0       3.2
02 06 75 1430              .3              17172                          400.      110.      110.                22.5       8.0       3.0
15 07 75 1420              .3              17207         6                100.      120.      120.                25.5                 5.6
06 08 75 1530              .3              17242         6                900.      390.      570.                23.0       6.6       3.4
09 09 75 1415              .3              17276         6               1000.      300.    100. L                19.0       0.4       6.8
06 10 75 1340              .3              17307         6                800.      110.       60.                17.5      11.5       3.8
13 11 75 1200              .3              17350         6              80000.      300.     3600.                 8.5       9.5       4.4
10 12 75 1355              .3              17413         3            15000. G      470.   1500. G                 1.0      14.1       3.2


                      MAXIMUM                                           80000.      470.     3600.                25.5      14.1       6.8
           AVG OR GEOM MN (*)                                         1563.* U     231.*   339.* E                15.9       8.5       4.2
                      MINIMUM                                             100.      110.       60.                 1.0       0.4       3.0

                NO OF SAMPLES                                                8         8         8                   7         7         8


                                              33        34        19        20        21        22        16        14        56        55
SAMP DTE HOUR  STN  STN SAMP  PJ           TOTAL  FILTERED  FILTERED     TOTAL   NITRITE   NITRATE     TURB.     COND.  CHLORIDE        PH
DY MO YR LMT   DIST BRG DEPTH                  P  REACTIVE   AMMONIA  KJELDAHL     NO2-N     NO3-N  FORMAZIN       25C      MG/L    AT LAB
               FEET      MTRS               MG/L    P MG/L      MG/L      MG/L      MG/L      MG/L     UNITS     UMHOS

07 05 75 1330              .3              0.150     0.001      0.04      1.40     0.010     0.180     55.00       640       35.
02 06 75 1430              .3              0.190     0.005    0.01 L      1.80     0.002     0.010     46.00       740       49.
15 07 75 1420              .3              0.230     0.007    0.01 L      1.60     0.003    0.010L      3.80       520       26.
06 08 75 1530              .3              0.210     0.011      0.10      1.50     0.027    0.010L     63.00       570       34.
09 09 75 1415              .3              0.170     0.025      0.01      1.70     0.035     1.500     72.00       445       19.
06 10 75 1340              .3              0.120     0.007      0.04      1.50     0.007    0.010L     31.00       525       20.
13 11 75 1200              .3              0.450     0.210      0.25      2.40     0.095     2.700    150.00       400       19.
10 12 75 1355              .3              0.250     0.110      0.24      1.60     0.048     2.400    140.00       280       17.


                      MAXIMUM              0.450     0.210      0.25      2.40     0.095     2.700    150.00       740       49.
           AVG OR GEOM MN (*)              0.221     0.047    0.09 D      1.69     0.028    0.853D     70.10       515       27.
                      MINIMUM              0.120     0.001      0.01      1.40     0.002     0.010      3.80       280       17.

                NO OF SAMPLES                  8         8         8         8         8         8         8         8         8


                                              59         5         6         7       107        67        66        45        47        41
SAMP DTE HOUR  STN  STN SAMP  PJ        SULPHATE     TOTAL     SUSP.     DISS.     DISS.   PTSSIUM    SODIUM     TOT C   ORGANIC       COD
DY MO YR LMT   DIST BRG DEPTH                       SOLIDS    SOLIDS    SOLIDS    SOLIDS         K        NA      AS C    C AS C
               FEET      MTRS               MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

07 05 75 1330              .3                         570.       64.       506
02 06 75 1430              .3                         620.       66.       554
15 07 75 1420              .3                         448.       50.       398
06 08 75 1530              .3                         432.      107.       325
09 09 75 1415              .3                         414.       95.       319
06 10 75 1340              .3                         408.       49.       359
13 11 75 1200              .3                         478.      218.                 260
10 12 75 1355              .3                         210.       28.                 182


                      MAXIMUM                         620.      218.       554       260
           AVG OR GEOM MN (*)                         447.       84.       410       221
                      MINIMUM                         210.       28.       319       182

                NO OF SAMPLES                            8         8         6         2
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SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

B.O.W./ SITE: SANDUSK CREEK   STATION ID: 16-0170-003-02
SAMPLE POINT: FIRST BRIDGE DOWNSTREAM OF JARVIS LAGOON
STATION TYPE: RIVER   MAJOR BASIN: GREAT LAKES   STORET CODE: 02
MINOR BASIN: LAKE ERIE   003
TERM STREAM: SANDUSK CREEK   0490

STN NO 3   LAT   LONG   U.T.M. 17 0573350.0 4746900.0 4   REGION 02   MILEAGE 11.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
13 05 75 1215			.3		70203	6		32000.	4700.	850.		16.0		24.0
21 05 75 1115			.3		70204	6		24000.	1900.			24.0	13.0	15.0
28 05 75 1035			.3		70205	6		1470.	790.	190.		22.0	8.9	20.0
10 06 75 1230			.3		70206	6		2500.	650.	710.		22.5	5.0	6.5
15 07 75 1000			.3		17197	6 8		13000.	2800.	2400.		19.5	10.9	3.0
06 08 75 0955			.3		17232	7		11000.	2600.	8400.		17.5	6.4	2.6
09 09 75 0955			.3		17266	6		13000.	2400.	900.		12.5	6.5	5.2
06 10 75 1030			.3		17302	7		2000.	200.	200.		14.0	6.4	3.6
13 11 75 0945			.3		17345	6		38000.	700.	1100.		5.5	9.3	4.4
10 12 75 1000			.3		17408	3		15000. G	1500. G	1500. G		1.0	13.0	3.8
MAXIMUM								38000.	4700.	8400.		24.0	13.0	24.0
AVG OR GEOM MN (*)								9499.* U	1326.* U	959.* U		15.5	8.8	8.8
MINIMUM								1470.	200.	190.		1.0	5.0	2.6
NO OF SAMPLES								10	10	9		10	9	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
13 05 75 1215			.3		0.900	0.400	9.30	12.00	0.140	0.290	24.00	970	90.	7.5
21 05 75 1115			.3		0.800	0.300	0.10 L	4.00	0.560	0.300	15.50	760	88.	8.1
28 05 75 1035			.3		0.500	0.020	1.10	6.50	0.580	1.400	21.50	775	80.	7.1
10 06 75 1230			.3		0.400	0.150	2.90	4.80	0.320	0.880	31.00	690	58.	7.6
15 07 75 1000			.3		0.200	0.015	0.01	1.20	0.003	0.010L	60.00	600	60.	
06 08 75 0955			.3		0.260	0.094	0.08	2.00	0.020	0.030	78.00	500	26.	
09 09 75 0955			.3		0.210	0.080	0.05	1.50	0.014	0.100	62.00	650	39.	
06 10 75 1030			.3		0.260	0.095	0.02	1.80	0.012	0.020	52.00	850	57.	
13 11 75 0945			.3		0.320	0.120	0.11	1.80	0.044	0.980	95.00	480	25.	
10 12 75 1000			.3		0.270	0.130	0.33	1.90	0.038	2.900	73.00	320	16.	
MAXIMUM					0.900	0.400	9.30	12.00	0.580	2.900	95.00	970	90.	8.1
AVG OR GEOM MN (*)					0.412	0.140	1.40 D	3.75	0.173	0.691D	51.20	660	53.	7.6
MINIMUM					0.200	0.015	0.01	1.20	0.003	0.010	15.50	320	16.	7.1
NO OF SAMPLES					10	10	10	10	10	10	10	10	10	4

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
13 05 75 1215			.3			740.	106.	634						50
21 05 75 1115			.3										28	80
28 05 75 1035			.3											100
10 06 75 1230			.3										21	40
15 07 75 1000			.3			492.	97.	395						
06 08 75 0955			.3			440.	76.	364						
09 09 75 0955			.3			514.	81.	433						
06 10 75 1030			.3			526.	74.	452						
13 11 75 0945			.3			489.	73.	416						
10 12 75 1000			.3			233.	25.		208					
MAXIMUM						740.	106.	634	208				28	100
AVG OR GEOM MN (*)						490.	76.	449	208				25	68
MINIMUM						233.	25.	364	208				21	40
NO OF SAMPLES						7	7	6	1				2	4

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SAMPLE INFORMATION SYSTEM          STATION SUMMARY REPORT - RIVER BASINS                              DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: SANDUSK CREEK                                                                           STATION ID:  16-0170-004-02
 SAMPLE POINT: AT HIGHWAY 3 3.4 MILES EAST OF HIGHWAY 6
 STATION TYPE: RIVER                                          MAJOR BASIN: GREAT LAKES                                STORET CODE: 02
                                                              MINOR BASIN: LAKE ERIE                                               003
                                                              TERM STREAM: SANDUSK CREEK                                           0490

STN NO      4        LAT                  LONG                U.T.M. 17 0577550.0 4749150.0 4     REGION 02                  MILEAGE    11.70

                                          934       901       444        80         81         84         88       805         3           1
SAMP DTE HOUR  STN  STN SAMP  PJ        SAMPLE       SCD  FLOW CFS     TOTAL      FECAL       M.F.     PSEUD.     WATER      DISS.      5-DAY
DY MO YR LMT   DIST BRG DEPTH               NO                      COLIFORM   COLIFORM     ENTER.        MPA     TEMP.         O2        BOD
               FEET      MTRS                                       MF/100ML   MF/100ML   MF/100ML   MF/100ML     DEG C       MG/L       MG/L

15 07 75 0945               .3         17196    6                      410.       170.       230.                  20.5        6.9        2.6
06 08 75 0940               .3         17231    6                     3400.       440.      1680.                  19.0        4.9        4.2
09 09 75 0945               .3         17265    6                     2200.      1300.       100.                  13.5        4.5        5.0
06 10 75 1015               .3         17301    6                     1200.       100.       200.                  14.5        6.6        1.6
13 11 75 0930               .3         17344    6                    34000.      1100.      1100.                   7.0        9.2        1.8
10 12 75 0950               .3         17407    3                    15000.  G   1500.  G   1500.  G                1.0       13.1        2.6


                       MAXIMUM                                       34000.      1500.      1680.                  20.5       13.1        5.0
             AVG OR GEOM MN (*)                                       3512.* U    502.* U    483.* U               12.6        7.5        3.0
                       MINIMUM                                         410.       100.       100.                   1.0        4.5        1.6

                  NO OF SAMPLES                                           6          6          6                     6          6          6




                                          33         34         19         20         21         22         16         14         56          55
SAMP DTE HOUR  STN  STN SAMP  PJ        TOTAL  FILTERED   FILTERED      TOTAL    NITRITE    NITRATE      TURB.      COND.   CHLORIDE          PH
DY MO YR LMT   DIST BRG DEPTH               P  REACTIVE    AMMONIA   KJELDAHL     NO2-N      NO3-N   FORMAZIN        25C       MG/L      AT LAB
               FEET      MTRS            MG/L    P MG/L       MG/L       MG/L       MG/L       MG/L      UNITS      UMHOS

15 07 75 0945               .3          0.120     0.010       0.03       1.00      0.003     0.010L      17.00       1490       167.
06 08 75 0940               .3          0.180     0.022       0.04       1.30      0.011     0.330       20.00       1200       120.
09 09 75 0945               .3          0.190     0.044       0.03       1.00      0.018     0.610        7.50        800        58.
06 10 75 1015               .3          0.110     0.038       0.01       0.74      0.010     0.680       16.00       1325       120.
13 11 75 0930               .3          0.260     0.110       0.18       1.40      0.049     1.700       72.00        560        29.
10 12 75 0950               .3          0.210     0.090       0.27       1.40      0.032     2.100       65.00        400        25.


                       MAXIMUM          0.260     0.110       0.27       1.40      0.049     2.100       72.00       1490       167.
             AVG OR GEOM MN (*)         0.178     0.052       0.09       1.14      0.021     0.9050      32.91        963        86.
                       MINIMUM          0.110     0.010       0.01       0.74      0.003     0.010        7.50        400        25.

                  NO OF SAMPLES             6         6          6          6          6          6          6          6          6




                                           59          5          6          7        107         67         66         45         47          41
SAMP DTE HOUR  STN  STN SAMP  PJ     SULPHATE      TOTAL      SUSP.      DISS.      DISS.    PTSSIUM     SODIUM      TOT C    ORGANIC         COD
DY MO YR LMT   DIST BRG DEPTH                     SOLIDS     SOLIDS     SOLIDS     SOLIDS          K         NA       AS C     C AS C
               FEET      MTRS            MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L        MG/L

15 07 75 0945               .3                     1262.        23.       1239
06 08 75 0940               .3                      938.        29.        909
09 09 75 0945               .3                      602.        53.        549
06 10 75 1015               .3                      999.        33.        966
13 11 75 0930               .3                      512.        54.        458
10 12 75 0950               .3                      284.        24.                   260


                       MAXIMUM                     1262.        54.       1239        260
             AVG OR GEOM MN (*)                     766.        36.        824        260
                       MINIMUM                      284.        23.        458        260

                  NO OF SAMPLES                        6          6          5          1
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SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

B.O.W./ SITE: STONEY CREEK   STATION ID: 16-0173-001-02
SAMPLE POINT: AT SELKIRK ROAD RAINHAM TOWNSHIP
STATION TYPE: RIVER   MAJOR BASIN: GREAT LAKES   STORET CODE: 02
MINOR BASIN: LAKE ERIE   003
TERM STREAM: STONEY CREEK   0450

STN NO 1   LAT   LONG   U.T.M. 17 0587440.0 4742100.0 4   REGION 02   MILEAGE 1.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
07 01 75 1325			.3		17009	6		3200.	460.	300.		1.5	12.5	0.6
10 02 75 1330			.3		17040	4		10200.	30.	50.		0.0	20.0	3.2
10 03 75 1330			.3		17072	6		100.	60.	70.		1.0	17.0	3.0
02 04 75 1145			.3		17105	3		200.	30.	20.		2.5	12.0	2.0
07 05 75 1345			.3		17138	6		28000.	710.	290.		10.0	11.0	3.8
02 06 75 1500			.3		17173	8		31000.	650.	390.		26.0	16.0	1.8
15 07 75 1445			.3		17208	8		3200.	80.	100.		28.0		1.0
06 08 75 1545			.3		17243	3		8000.	600.	700.		21.5	5.6	3.0
09 09 75 1425			.3		17277	6		11000.	900.	100. L		17.5	15.3	4.4
06 10 75 1400			.3		17308	6		5000.	130.	40.		17.5	11.6	2.2
13 11 75 1225			.3		17351	6		33000.	1400.	2800.		7.0	9.0	2.0
15 12 75 1440			.3		17414	3		17000.	13000.	1500. G		6.5	11.6	2.4
MAXIMUM								33000.	13000.	2800.		28.0	20.0	4.4
AVG OR GEOM MN (*)								5259.*	320.*	193.* E		11.6	12.9	2.5
MINIMUM								100.	30.	20.		0.0	5.6	0.6
NO OF SAMPLES								12	12	12		12	11	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
07 01 75 1325			.3		0.180	0.083	0.12	1.10	0.032	2.200	66.00	415	26.	
10 02 75 1330			.3		0.110	0.068	0.03	0.79	0.023	1.900	33.00	520	36.	
10 03 75 1330			.3		0.110	0.055	0.08	0.92	0.025	1.500	43.00	285	18.	
02 04 75 1145			.3		0.140	0.067	0.11	0.90	0.030	1.300	7.30	345	16.	
07 05 75 1345			.3		0.230	0.008	0.02	1.70	0.013	0.250	38.00	695	41.	
02 06 75 1500			.3		0.100	0.053	0.02	0.85	0.006	0.010	2.60	720	47.	
15 07 75 1445			.3		0.070	0.005	0.01 L	0.96	0.002	0.010L	7.40	560	40.	
06 08 75 1545			.3		0.270	0.076	0.15	1.30	0.100	1.200	46.00	740	55.	
09 09 75 1425			.3		0.190	0.078	0.02	1.50	0.031	0.150	48.00	365	18.	
06 10 75 1400			.3		0.100	0.036	0.01 L	1.00	0.006	0.010L	15.00	550	30.	
13 11 75 1225			.3		0.360	0.170	0.20	1.80	0.065	0.890	120.00	300	13.	
15 12 75 1440			.3		0.540	0.220	0.40	2.60	0.140	1.700	340.00	230	11.	
MAXIMUM					0.540	0.220	0.40	2.60	0.140	2.200	340.00	740	55.	
AVG OR GEOM MN (*)					0.200	0.077	0.10 D	1.29	0.039	0.927D	63.86	477	29.	
MINIMUM					0.070	0.005	0.01	0.79	0.002	0.010	2.60	230	11.	
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
07 01 75 1325			.3			380.	15. L	365						
10 02 75 1330			.3			380.	12.	368						
10 03 75 1330			.3			196.	11.		185					
02 04 75 1145			.3			320.	18.	302						
07 05 75 1345			.3			640.	92.	548						
02 06 75 1500			.3			550.	5.	545						
15 07 75 1445			.3			372.	3.	369						
06 08 75 1545			.3			590.	77.	513						
09 09 75 1425			.3			317.	40.		277					
06 10 75 1400			.3			385.	20.	365						
13 11 75 1225			.3			233.	38.		195					
15 12 75 1440			.3			296.	146.		150					
MAXIMUM						640.	146.	548	277					
AVG OR GEOM MN (*)						388.	39. D	422	202					
MINIMUM						196.	3.	302	150					
NO OF SAMPLES						12	12	8	4					

SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

B.O.W./ SITE: SUNFISH CREEK   STATION ID: 16-0184-005-02
SAMPLE POINT: AT HILL STREET DUNVILLE
STATION TYPE: RIVER
MAJOR BASIN: GREAT LAKES   STORET CODE: 02
MINOR BASIN: LAKE ERIE   003
TERM STREAM: GRAND RIVER   0150

STN NO 5   LAT   LONG   U.T.M. 17 0613625.0 4750550.0 4   REGION 02   MILEAGE 4.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
13 01 75 1100			.3		18203			40.	10. L	300.		2.0	4.8	1.0
10 02 75 1110			.3		18239	4		13300.	470.	60.		1.5	7.0	2.0
10 03 75 1105			.3		18275			8000.	800.	50.		2.0	9.4	0.8
14 04 75 1120			.3		18324			3000.	100. L	10. L		5.5	9.4	1.4
17 06 75 1110			.3		18347			25000.	800.	430.		20.0	0.8	11.0
17 07 75 1045			.3		18410			52000E+1	28000.	1500. G		24.0	3.2	13.0
11 08 75 1100			.3		18420			18200E+1	7000.	1500. G		22.0	3.0	2.4
15 09 75 1125			.3		18456			80000E+1	8200.	1300.		15.0	5.0	2.0
27 10 75 1135			.3		18518			22000E+1	21000.	4500.		14.0	4.4	1.6
17 11 75 1135			.3		18554			47000E+1	12000E+1	1500. G		14.0	5.0	2.6
15 12 75 1135			.3		18564	3		12400.	2600.	3200.		8.0	7.4	2.6
MAXIMUM								80000E+1	12000E+1	4500.		24.0	9.4	13.0
AVG OR GEOM MN (*)								31563.*	2081.* D	470.* E		11.6	5.4	3.7
MINIMUM								40.	10.	10.		1.5	0.8	0.8
NO OF SAMPLES								11	11	11		11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
13 01 75 1100			.3		0.140	0.008	25.00	28.00	0.059	2.900	14.00	1180	180.	
10 02 75 1110			.3		0.470	0.220	0.80	1.70	0.025	0.740	7.20	890	140.	
10 03 75 1105			.3		0.220	0.090	1.20	2.20	0.038	2.900	6.50	740	67.	
14 04 75 1120			.3		0.150	0.012	2.40	3.40	0.042	1.500	28.00	1010	165.	
17 06 75 1110			.3		0.380	0.074	0.60	5.10	0.002	0.010L	9.00	1000	200.	
17 07 75 1045			.3		0.290	0.028	0.15	0.96	0.002	0.010L	10.00	560	65.	
11 08 75 1100			.3		0.350	0.031	0.50	1.60	0.054	0.060	20.00	450	45.	
15 09 75 1125			.3		0.250	0.045	1.10	2.30	0.037	0.220	1.20	550	62.	
27 10 75 1135			.3		0.330	0.085	0.75	1.70	0.041	0.200	12.00	520	51.	
17 11 75 1135			.3		0.120	0.018	0.15	0.88	0.066	0.480	4.40	580	48.	
15 12 75 1135			.3		0.340	0.110	0.45	1.60	0.070	2.100	30.00	620	45.	
MAXIMUM					0.470	0.220	25.00	28.00	0.070	2.900	30.00	1180	200.	
AVG OR GEOM MN (*)					0.276	0.066	3.01	4.50	0.040	1.011D	12.94	736	97.	
MINIMUM					0.120	0.008	0.15	0.88	0.002	0.010	1.20	450	45.	
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
13 01 75 1100			.3			850.	20.	830						
10 02 75 1110			.3			550.	17.	533						
10 03 75 1105			.3			530.	11.	519						
14 04 75 1120			.3			630.	12.	618						
17 06 75 1110			.3			604.	97.	507						
17 07 75 1045			.3			342.	31.	311						
11 08 75 1100			.3			483.	66.	417						
15 09 75 1125			.3			403.	42.	361						
27 10 75 1135			.3			360.	18.	342						
17 11 75 1135			.3			350.	21.	329						
15 12 75 1135			.3			464.	50.	414						
MAXIMUM						850.	97.	830						
AVG OR GEOM MN (*)						506.	35.	471						
MINIMUM						342.	11.	311						
NO OF SAMPLES						11	11	11						

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SAMPLE INFORMATION SYSTEM       STATION SUMMARY REPORT - RIVER BASINS                        DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: SENECA CREEK                                                                     STATION ID:  16-0184-007-02
 SAMPLE POINT: AT KINCARDINE STREET CALIDONIA
 STATION TYPE: RIVER                                    MAJOR BASIN: GREAT LAKES                               STORET CODE: 02
                                                        MINOR BASIN: LAKE ERIE                                              003
                                                        TERM STREAM: GRAND RIVER                                            0150

STN NO     7      LAT               LONG                 U.T.M. 17 0586500.0 4768875.0 4     REGION 02             MILEAGE   30.70

                                       934       901       444        80        81        84        88       805         3         1
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE       SCD  FLOW CFS     TOTAL     FECAL      M.F.    PSEUD.     WATER     DISS.     5-DAY
DY MO YR LMT   DIST BRG DEPTH           NO                      COLIFORM  COLIFORM    ENTER.       MPA     TEMP.        02       BOD
               FEET      MTRS                                   MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L

13 01 75 1005              .3        18202   4                     3000.      800.    100. L                 0.0      10.2       1.0
10 02 75 1010              .3        18238   4                      500.       80.     50.                   0.0       7.8       0.8
10 03 75 1005              .3        18274   4                     2300.       70.     20.                   0.0      11.2       0.8
14 04 75 1020              .3        18323                           80.       10.     30.                   5.0      11.8       0.8
17 06 75 1020              .3        18346                         2000.      400.    120.                  21.0       6.4       2.4
15 07 75 0945              .3        18409                         5700.     2000.    240.                  19.0       6.9       0.6
11 08 75 1020              .3        18419                         7800.      400.    140.                  22.0       6.6       1.2
15 09 75 1020              .3        18455                         4300.      800.     80.                  11.0       9.2       0.8
27 10 75 1040              .3        18517                         1300.      500.     20.                  10.0       9.0       0.4
17 11 75 1035              .3        18553                        17000.     1300.     50.                   7.0      10.8       1.0
15 12 75 1035              .3        18563   3                    12800.     4900.   1500. G                 7.0       9.4       4.0


                      MAXIMUM                                     17000.     4900.   1500.                  22.0      11.8       4.0
           AVG OR GEOM MN (*)                                     2552.*     395.*    84.* E                 9.3       9.0       1.3
                      MINIMUM                                        80.       10.     20.                   0.0       6.4       0.4

                NO OF SAMPLES                                         11        11        11                  11        11        11


                                        33        34        19        20        21        22        16        14        56        55
SAMP DTE HOUR  STN  STN SAMP  PJ     TOTAL  FILTERED  FILTERED     TOTAL   NITRITE   NITRATE     TURB.     COND.  CHLORIDE        PH
DY MO YR LMT   DIST BRG DEPTH            P  REACTIVE   AMMONIA  KJELDAHL     NO2-N     NO3-N  FORMAZIN       25C      MG/L    AT LAB
               FEET      MTRS         MG/L    P MG/L      MG/L      MG/L      MG/L      MG/L     UNITS     UMHOS

13 01 75 1005              .3        0.078     0.033      0.07      0.84     0.040     6.000     24.00       980     42.
10 02 75 1010              .3        0.028     0.014      0.12      0.40     0.013     0.660      2.50      2500     67.
10 03 75 1005              .3        0.046     0.008      0.06      0.28     0.017     1.500      7.60      1725     56.
14 04 75 1020              .3        0.026     0.004      0.02      0.48     0.010     0.670      9.00      1360     36.
17 06 75 1020              .3        0.068     0.020      0.24      1.30     0.095     0.490     37.00      2200     45.
15 07 75 0945              .3        0.120     0.006      0.04      0.38     0.005     0.160     64.00      2950     43.
11 08 75 1020              .3        0.076     0.021      0.09      0.48     0.023     0.070      2.20      2400     64.
15 09 75 1020              .3        0.026     0.006      0.06      0.25     0.010     0.070      0.65      2500     45.
27 10 75 1040              .3        0.078     0.024      0.06      0.64     0.015     0.150     19.00      1500     43.
17 11 75 1035              .3        0.110     0.039      0.11      0.84     0.027     0.590     31.00      1300     40.
15 12 75 1035              .3        0.480     0.087      0.15      2.10     0.036     3.200    140.00       640     24.


                      MAXIMUM        0.480     0.087      0.24      2.10     0.095     6.000    140.00      2950     67.
           AVG OR GEOM MN (*)        0.103     0.024      0.09      0.73     0.026     1.233     30.63      1823     45.
                      MINIMUM        0.026     0.004      0.02      0.25     0.005     0.070      0.65       640     24.

                NO OF SAMPLES           11        11        11        11        11        11        11        11        11


                                        59         5         6         7       107        67        66        45        47        41
SAMP DTE HOUR  STN  STN SAMP  PJ  SULPHATE     TOTAL     SUSP.     DISS.     DISS.   PTSSIUM    SODIUM     TOT C   ORGANIC       COD
DY MO YR LMT   DIST BRG DEPTH              SOLIDS    SOLIDS    SOLIDS    SOLIDS         K        NA      AS C    C AS C
               FEET      MTRS         MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

13 01 75 1005              .3                  820.       20.        800
10 02 75 1010              .3                 2350.       16.       2334
10 03 75 1005              .3                 1590.       11.       1579
14 04 75 1020              .3                 1200.        6.       1194
17 06 75 1020              .3                 2300.       61.       2239
15 07 75 0945              .3                 2584.       82.       2502
11 08 75 1020              .3                 2433.        8.       2425
15 09 75 1020              .3                 2460.       29.       2431
27 10 75 1040              .3                 1388.       17.       1371
17 11 75 1035              .3                 1150.       17.       1133
15 12 75 1035              .3                  728.      272.        456


                      MAXIMUM                 2584.      272.       2502
           AVG OR GEOM MN (*)                 1727.       49.       1679
                      MINIMUM                  728.        6.        456

                NO OF SAMPLES                     11        11        11
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SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: NITH RIVER
SAMPLE POINT: AT HIGHWAY 24A PARIS
STATION TYPE: RIVER

STATION ID: 16-0184-009-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

STN NO 9 LAT LONG U.T.M. 17 0550125.0 4782150.0 4 REGION 02 MILEAGE 75.30

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
13 01 75 1315			.3		18207			1510.	480.	1500. G		0.0	11.8	
10 02 75 1345			.3		18243			30.	10. L	100. L		0.0	10.8	
10 03 75 1325			.3		18279			30.	10. L	10. L		1.0	10.8	
14 04 75 1355			.3		18328			10.	10. L	10.		7.0	10.8	1.6
17 06 75 1355			.3		18351			410.	20.	10. L		26.0	7.4	
15 07 75 1325			.3		18414			590.	52.	4.		24.0	7.4	
11 08 75 1325			.3		18424			130.	50.	20.		25.0	9.0	
15 09 75 1400			.3		18460			270.	30.	10. L		14.0	11.0	1.2
27 10 75 1400			.3		18522			50.	10. L	10. L		12.0	10.2	0.4
17 11 75 1425			.3		18558			150.	20.	10.		8.0	11.6	0.6
15 12 75 1410			.3		18568			1000.	200.	1500. G		5.0	8.6	
MAXIMUM								1510.	480.	1500.		26.0	11.8	1.6
AVG OR GEOM MN (*)								150.*	31.* D	24.* E		11.1	9.9	1.0
MINIMUM								10.	10.	4.		0.0	7.4	0.4
NO OF SAMPLES								11	11	11		11	11	4

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
13 01 75 1315			.3									435		
10 02 75 1345			.3									790		
10 03 75 1325			.3									660		
14 04 75 1355			.3									490		
17 06 75 1355			.3											
15 07 75 1325			.3											
11 08 75 1325			.3											
15 09 75 1400			.3		0.026	0.002	0.03	0.55	0.005	1.200	0.50	625	18.	8.4
27 10 75 1400			.3		0.017	0.003	0.02	0.40	0.009	1.400	1.40	700	18.	8.0
17 11 75 1425			.3		0.088	0.017	0.02	1.00	0.014	2.800	5.00	720	19.	8.3
15 12 75 1410			.3									680		
MAXIMUM					0.088	0.017	0.03	1.00	0.014	2.800	5.00	790	19.	8.4
AVG OR GEOM MN (*)					0.044	0.007	0.02	0.65	0.009	1.800	2.30	638	18.	8.2
MINIMUM					0.017	0.002	0.02	0.40	0.005	1.200	0.50	435	18.	8.0
NO OF SAMPLES					3	3	3	3	3	3	3	8	3	3

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
13 01 75 1315			.3		18207							1. L	0.2	5.00
10 02 75 1345			.3		18243							1. L	0.2	3.70
10 03 75 1325			.3		18279							1. L	0.2	3.80
14 04 75 1355			.3		18328							1. L	0.1	3.20
17 06 75 1355			.3		18351							1. L	0.2	3.30
15 07 75 1325			.3		18414							1.	0.2	2.10
11 08 75 1325			.3		18424							1. L	0.2	2.70
15 09 75 1400			.3		18460	0.	187		323.	0.14	10	5.	0.2	1.20
27 10 75 1400			.3		18522	5.	217		353.	0.12	10	4.	0.2	1.90
17 11 75 1425			.3		18558	0.	237		373.	0.30	30	1. L	0.1	3.80
15 12 75 1410			.3		18568							1. L	0.1	3.90
MAXIMUM						5.	237		373.	0.30	30	5.	0.2	5.00
AVG OR GEOM MN (*)						1.	214		349.	0.19	17	1. D	0.2	3.10
MINIMUM						0.	187		323.	0.12	10	1.	0.1	1.20
NO OF SAMPLES						3	3		3	3	3	11	11	11

CONT'D

B.O.W./ SITE: NITH RIVER
SAMPLE POINT: AT HIGHWAY 24A PARIS
STATION TYPE: RIVER

STATION ID: 16-0184-009-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

STN NO 9 LAT LONG U.T.M. 17 0550125.0 4782150.0 4 REGION 02 MILEAGE 75.30

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
13 01 75 1315			.3		42.					5.4	6.70			20
10 02 75 1345			.3		157.					2.5	12.00			30
10 03 75 1325			.3		98.					3.2	13.00			20
14 04 75 1355			.3		7.					3.1	7.20			40
17 06 75 1355			.3		400.					2.1	9.80			30
15 07 75 1325			.3		200.					2.2	9.60			20L
11 08 75 1325			.3		160.					2.3	9.70			20L
15 09 75 1400			.3		150.	467.	19.	448		2.6	9.50			20L
27 10 75 1400			.3		18.	510.	4.	506		2.8	9.80			10
17 11 75 1425			.3		135.	512.	5.	507		3.2	9.30			10L
15 12 75 1410			.3		100.					2.5	8.60			24
MAXIMUM					400.	512.	19.	507		5.4	13.00			40
AVG OR GEOM MN (*)					133.	496.	9.	487		2.9	9.56			22D
MINIMUM					7.	467.	4.	448		2.2	6.70			10
NO OF SAMPLES					11	3	3	3		11	11			11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	203 TOTAL ALUMINUM MG/L	265 TOTAL ARSENIC MG/L	64 CALCIUM MG/L	72 TOTAL CALCIUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	272 SIMPLE CYANIDE MG/L	215 TOTAL CADMIUM MG/L	229 TOTAL LEAD MG/L
13 01 75 1315			.3		18207	3.80		58.0			0.05 L			
10 02 75 1345			.3		18243	0.15		126.0			0.05 L			
10 03 75 1325			.3		18279	0.48		101.0			0.02			
14 04 75 1355			.3		18328	1.00		75.0			0.05 L			
17 06 75 1355			.3		18351	0.44		101.0			0.03 L			
15 07 75 1325			.3		18414	0.77		106.0			0.03 L			
11 08 75 1325			.3		18424	0.57			101.0		0.03 L			
15 09 75 1400			.3		18460	0.10			89.0		0.02 L			
27 10 75 1400			.3		18522	0.07			96.0		0.02 L			
17 11 75 1425			.3		18558	0.35			110.0		0.02			
15 12 75 1410			.3		18568	0.93			104.0		0.02			
MAXIMUM						3.80		126.0	110.0		0.05			
AVG OR GEOM MN (*)						0.79		94.5	100.0		0.03 D			
MINIMUM						0.07		58.0	89.0		0.02			
NO OF SAMPLES						11		6	5		11			

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	65 MAG NESIUM MG/L	74 TOT. MAG NESIUM MG/L	200 MANGNESE MN MG/L	235 TOTAL MERCURY UG/L	238 TOTAL NICKEL MG/L	249 TOTAL ZINC MG/L	217 TOTAL COBALT MG/L	218 BARIUM MG/L	219 SELENIUM MG/L	361 SOLVENT EXTRBLES MG/L
13 01 75 1315			.3		16.0		0.10		0.07 L	0.050L				
10 02 75 1345			.3		26.0		0.04 L		0.10	0.050L				
10 03 75 1325			.3		22.0		0.03		0.01 L	0.030L				
14 04 75 1355			.3		17.0		0.04 L		0.05 L	0.050L				
17 06 75 1355			.3		25.0		0.05		0.02 L	0.030L				
15 07 75 1325			.3		29.0		0.05		0.04 L	0.030L				
11 08 75 1325			.3			28.50	0.04		0.04 L	0.030L				
15 09 75 1400			.3			24.50	0.02			0.030L				
27 10 75 1400			.3			27.50	0.03		0.01 L	0.010L				
17 11 75 1425			.3			24.00	0.02 L		0.01 L	0.020				
15 12 75 1410			.3			24.00	0.06		0.02 L	0.010L				
MAXIMUM					29.0	28.50	0.10		0.10	0.050				
AVG OR GEOM MN (*)					22.5	25.70	0.04 D		0.04 D	0.031D				
MINIMUM					16.0	24.00	0.02		0.01	0.010				
NO OF SAMPLES					6	5	11		10	11				

SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

B.O.W./ SITE: GRAND RIVER
SAMPLE POINT: AT GLEN MORRIS BRIDGE
STATION TYPE: RIVER

STATION ID: 16-0184-010-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

STN NO 10   LAT   LONG   U.T.M. 17 0552950.0 4791525.0 4   REGION 02   MILEAGE 82.80

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
13 01 75	1350			.3		18208			1570.	650.	1500. G		0.0	11.6	
10 02 75	1420			.3		18244			40.	10. L	100. L		0.0	10.6	
10 03 75	1400			.3		18280			40.	10. L	10. L		1.5	11.8	
14 04 75	1410			.3		18329			20.	10.	10. L		6.0	11.4	1.4
17 06 75	1435			.3		18352			110.	10.	10. L		25.5	12.4	
15 07 75	1405			.3		18415			1700.	1500. G	10. L		24.0	10.6	
11 08 75	1355			.3		18425			190.	90.	30.		25.0	10.6	
15 09 75	1430			.3		18461			150.	80.	20.		15.0	12.2	1.2
27 10 75	1430			.3		18523			190.	20.	10. L		13.0	11.6	0.4
17 11 75	1500			.3		18559			2800.	100. L	10.		10.0	11.8	1.6
15 12 75	1445			.3		18569			8600.	500.	750.		5.4	7.8	
MAXIMUM									8600.	1500.	1500.		25.5	12.4	1.6
AVG OR GEOM MN (*)									290.*	64.* E	34.* E		11.4	11.1	1.2
MINIMUM									20.	10.	10.		0.0	7.8	0.4
NO OF SAMPLES									11	11	11		11	11	4

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
13 01 75	1350			.3									580		
10 02 75	1420			.3									740		
10 03 75	1400			.3									600		
14 04 75	1410			.3									470		
17 06 75	1435			.3											
15 07 75	1405			.3									490		
11 08 75	1355			.3									465		
15 09 75	1430			.3		0.039	0.007	0.04	0.65	0.043	1.400	2.70	500	34.	8.6
27 10 75	1430			.3		0.040	0.013	0.02	0.54	0.044	1.500	2.10	605	37.	8.3
17 11 75	1500			.3		0.046	0.023	0.29	0.66	0.077	2.500	40.00	640	35.	8.3
15 12 75	1445			.3									620		
MAXIMUM						0.046	0.023	0.29	0.66	0.077	2.500	40.00	740	37.	8.6
AVG OR GEOM MN (*)						0.042	0.014	0.12	0.62	0.055	1.800	14.93	571	35.	8.4
MINIMUM						0.039	0.007	0.02	0.54	0.043	1.400	2.10	465	34.	8.3
NO OF SAMPLES						3	3	3	3	3	3	3	10	3	3

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
13 01 75	1350			.3		18208							1. L	0.2	4.50
10 02 75	1420			.3		18244							1. L	0.2	3.00
10 03 75	1400			.3		18280							1. L	0.1	2.30
14 04 75	1410			.3		18329							1. L	0.1L	8.50
17 06 75	1435			.3		18352							1. L	0.1	1.50
15 07 75	1405			.3		18415							1. L	0.1	0.50
11 08 75	1355			.3		18425							3.	0.2	0.25
15 09 75	1430			.3		18461	0.	160		226.	0.25	10	1.	0.1	0.75
27 10 75	1430			.3		18523	0.	207		276.	0.15	15	17.	0.1	0.95
17 11 75	1500			.3		18559	0.	228		303.	1.80	20	1. L	0.1	2.30
15 12 75	1445			.3		18569							1. L	0.1	2.90
MAXIMUM							0.0	228		303.	1.80	20	17.	0.2	8.50
AVG OR GEOM MN (*)							0.	198		268.	0.73	15	2. D	0.1D	2.68
MINIMUM							0.	160		226.	0.15	10	1.	0.1	0.25
NO OF SAMPLES							3	3		3	3	3	11	11	11

CONT'D

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B.O.W./ SITE: GRAND RIVER                                                                    STATION ID:  16-0184-010-02
SAMPLE POINT: AT GLEN MORRIS BRIDGE
STATION TYPE: RIVER                                     MAJOR BASIN: GREAT LAKES                           STORET CODE: 02
                                                        MINOR BASIN: LAKE ERIE                                          003
                                                        TERM STREAM: GRAND RIVER                                        0150

STN NO      10        LAT                LONG           U.T.M. 17 0552950.0 4791525.0 4     REGION 02            MILEAGE   82.80

                                        59         5         6         7       107        67        66        45        47        41
SAMP DTE HOUR  STN  STN SAMP  PJ  SULPHATE     TOTAL     SUSP.     DISS.     DISS.   PTSSIUM    SODIUM     TOT C   ORGANIC       COD
DY MO YR LMT   DIST BRG DEPTH                 SOLIDS    SOLIDS    SOLIDS    SOLIDS         K        NA      AS C    C AS C
               FEET      MTRS         MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

13 01 75 1350              .3          52.                                                 4.2     16.00                            30
10 02 75 1420              .3          82.                                                 2.8     34.00                            30
10 03 75 1400              .3          49.                                                 3.2     24.00                            20
14 04 75 1410              .3          36.                                                 2.3     10.00                            20
17 06 75 1435              .3          47.                                                 2.7     24.00                            30
15 07 75 1405              .3          63.                                                 2.8     24.00                            20
11 08 75 1355              .3          50.                                                 2.6     23.50                            23
15 09 75 1430              .3          50.      364.       13.       351                 3.1     20.00                           20L
27 10 75 1430              .3          30.      394.        7.       387                 3.1     23.50                            16
17 11 75 1500              .3          63.      450.       44.       406                 3.1     22.00                            12
15 12 75 1445              .3          47.                                                 3.1     19.50                            26


                      MAXIMUM          82.      450.       44.       406                 4.2     34.00                            30
           AVG OR GEOM MN (*)          51.      402.       21.       381                 3.0     21.86                           22D
                      MINIMUM          30.      364.        7.       351                 2.3     10.00                            12

                NO OF SAMPLES           11         3         3         3                  11        11                            11



                                       934       203       265        64        72       221       225       272       215       229
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE     TOTAL     TOTAL               TOTAL     TOTAL     TOTAL    SIMPLE     TOTAL     TOTAL
DY MO YR LMT   DIST BRG DEPTH           NO  ALUMINUM   ARSENIC   CALCIUM   CALCIUM  CHROMIUM    COPPER   CYANIDE   CADMIUM      LEAD
               FEET      MTRS                   MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

13 01 75 1350              .3        18208      3.20                70.0                          0.05 L
10 02 75 1420              .3        18244      0.35                88.0                          0.05 L
10 03 75 1400              .3        18280      0.50                74.0                          0.01
14 04 75 1410              .3        18329      0.43                66.0                          0.05 L
17 06 75 1435              .3        18352      0.12                64.0                          0.03
15 07 75 1405              .3        18415      0.20                54.0                          0.03 L
11 08 75 1355              .3        18425      0.40                          47.0                0.03 L
15 09 75 1430              .3        18461      0.22                          56.0                0.02 L
27 10 75 1430              .3        18523      0.12                          71.0                0.02 L
17 11 75 1500              .3        18559      1.20                          81.0                0.05
15 12 75 1445              .3        18569      1.80                          78.0                0.02


                      MAXIMUM                   3.20                88.0      81.0                0.05
           AVG OR GEOM MN (*)                   0.78                69.3      66.6                0.03 D
                      MINIMUM                   0.12                54.0      47.0                0.01

                NO OF SAMPLES                     11                   6         5                  11



                                        65        74       200       235       238       249       217       218       219       361
SAMP DTE HOUR  STN  STN SAMP  PJ       MAG  TOT. MAG  MANGNESE     TOTAL     TOTAL     TOTAL     TOTAL    BARIUM  SELENIUM   SOLVENT
DY MO YR LMT   DIST BRG DEPTH       NESIUM    NESIUM        MN   MERCURY    NICKEL      ZINC    COBALT      MG/L      MG/L  EXTRBLES
               FEET      MTRS         MG/L      MG/L      MG/L      UG/L      MG/L      MG/L      MG/L                          MG/L

13 01 75 1350              .3         19.0                0.10                0.07 L    0.050L
10 02 75 1420              .3         25.0                0.05 L              0.07 L    0.050L
10 03 75 1400              .3         21.0                0.04                0.01 L    0.030L
14 04 75 1410              .3         18.0                0.04 L              0.05 L    0.050L
17 06 75 1435              .3         24.0                0.05                0.02 L    0.030L
15 07 75 1405              .3         17.0                0.02 L              0.04 L    0.030L
11 08 75 1355              .3                  19.50      0.04                0.04 L    0.030L
15 09 75 1430              .3                  21.00      0.03                          0.030L
27 10 75 1430              .3                  24.00      0.02                0.01      0.010L
17 11 75 1500              .3                  24.50      0.06                0.02      0.050
15 12 75 1445              .3                  23.00      0.10                0.02 L    0.030


                      MAXIMUM         25.0     24.50      0.10                0.07      0.050
           AVG OR GEOM MN (*)         20.7     22.40      0.05 D              0.04 D    0.035D
                      MINIMUM         17.0     19.50      0.02                0.01      0.010

                NO OF SAMPLES            6         5        11                  10        11
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SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: GRAND RIVER
SAMPLE POINT: FIRST BRIDGE DOWNSTREAM GALT STP UL-22
STATION TYPE: RIVER

PLUARG

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STATION ID: 16-0184-011-02

STORET CODE: 02
003
0150

STN NO 11 LAT LONG U.T.M. 17 0596580.0 4755070.0 4 REGION 02 MILEAGE 86.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
13 01 75 0845			.3		18200		1400.	3600.	930.	1500. G		0.5	7.8	6.0
10 02 75 0850			.3		18236		500.	170.	10.	100. L		0.0	11.6	3.4
10 03 75 0850			.3		18272		1010.	20.	10. L	10.		1.0	12.6	2.2
14 04 75 0850			.3		18321		2730.	30.	10. L	10. L		3.5	11.4	2.2
17 06 75 0850			.3		18344		772.	440.	50.	10. L		22.0	7.4	2.0
15 07 75 0825			.3		18407		583.	2000.	1500. G	10. L		20.0	6.0	2.4
11 08 75 0900			.3		18417		517.	650.	230.	60.		22.0	6.3	1.4
15 09 75 0900			.3		18453		739.	160.	40.	10.		12.0	8.8	1.8
27 10 75 0930			.3		18515		636.	320.	10.	20.		10.0	10.6	0.8
17 11 75 0920			.3		18551		783.	3400.	440.	20.		5.0	11.0	1.4
15 12 75 0920			.3		18561		2840.	3200.	570.	420.		5.0	8.4	2.6
MAXIMUM							2840.	3600.	1500.	1500.		22.0	12.6	6.0
AVG OR GEOM MN (*)							1137.	439.*	85.* E	36.* E		9.2	9.3	2.4
MINIMUM							500.	20.	10.	10.		0.0	6.0	0.8
NO OF SAMPLES							11	11	11	11		11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
13 01 75 0845			.3		0.240	0.072	0.50	1.80	0.088	7.400	38.00	570	34.	
10 02 75 0850			.3		0.050	0.041	1.10	1.70	0.030	2.000	2.10	750	56.	
10 03 75 0850			.3		0.070	0.027	0.75	1.30	0.036	3.300	4.60	600	41.	
14 04 75 0850			.3		0.090	0.028	0.23	0.90	0.032	2.800	6.20	480	22.	
17 06 75 0850			.3		0.051	0.015	0.07	0.83	0.190	1.600	4.50	520	36.	
15 07 75 0825			.3		0.150	0.004	0.01 L	1.20	0.180	1.600	15.00	490	38.	
11 08 75 0900			.3		0.063	0.002	0.01	0.64	0.016	0.890	2.30	460	34.	
15 09 75 0900			.3		0.050	0.012	0.03	0.62	0.058	1.400	2.50	550	34.	
27 10 75 0930			.3		0.048	0.013	0.03	0.68	0.060	1.500	2.70	600	37.	
17 11 75 0920			.3		0.049	0.020	0.36	0.99	0.084	2.600	2.20	630	35.	
15 12 75 0920			.3		0.130	0.024	0.36	1.10	0.043	2.100	20.00	620	35.	
MAXIMUM					0.240	0.072	1.10	1.80	0.190	7.400	38.00	750	56.	
AVG OR GEOM MN (*)					0.090	0.023	0.31 D	1.07	0.074	2.472	9.10	570	36.	
MINIMUM					0.048	0.002	0.01	0.62	0.016	0.890	2.10	460	22.	
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
13 01 75 0845			.3			450.	60.	390						
10 02 75 0850			.3			490.	9.	481						
10 03 75 0850			.3			430.	9.	421						
14 04 75 0850			.3			320.	12.	308						
17 06 75 0850			.3			372.	10.	362						
15 07 75 0825			.3			368.	34.	334						
11 08 75 0900			.3			306.	4.	302						
15 09 75 0900			.3			388.	12.	376						
27 10 75 0930			.3			383.	6.	377						
17 11 75 0920			.3			417.	4.	413						
15 12 75 0920			.3		50.	431.	40.	391						
MAXIMUM					50.	490.	60.	481						
AVG OR GEOM MN (*)					50.	395.	18.	378						
MINIMUM					50.	306.	4.	302						
NO OF SAMPLES					1	11	11	11						

SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

B.O.W./ SITE: GRAND RIVER   STATION ID: 16-0184-012-02
SAMPLE POINT: AT BLAIR BRIDGE
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES   STORET CODE: 02
MINOR BASIN: LAKE ERIE   003
TERM STREAM: GRAND RIVER   0150

STN NO 12   LAT   LONG   U.T.M. 17 0549625.0 4803700.0 4   REGION 02   MILEAGE 94.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
13 01 75 1330			.3		18221			2500.	360.	1500. G		0.0	8.8	5.0
10 02 75 1355			.3		18257			50.	10. L	10. L		0.0	9.0	4.5
10 03 75 1355			.3		18293			260.	10. L	10. L		0.0	10.0	3.6
14 04 75 1350			.3		18319	3		500.	230.	230.		4.0	9.4	5.2
16 06 75 1420			.3		18365			660.	80.	10. L		24.0	9.8	2.4
14 07 75 1315			.3		18391							22.0	8.2	1.4
12 08 75 1315			.3		18438			360.	70.	20.		25.0	10.1	1.0
15 09 75 1335			.3		18474			380.	30.	20.		14.5	9.2	2.8
20 10 75 1320			.3		18513			1700.	120.	50.		9.5	8.0	4.2
17 11 75 1400			.3		18536			100.	10.	10. L		9.0	10.6	
15 12 75 1410			.3		18582			5400.	830.	1120.		5.0	8.8	5.0
MAXIMUM								5400.	830.	1500.		25.0	10.6	5.2
AVG OR GEOM MN (*)								516.*	65.* D	49.* E		10.3	9.3	3.5
MINIMUM								50.	10.	10.		0.0	8.0	1.0
NO OF SAMPLES								10	10	10		11	11	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
13 01 75 1330			.3		0.210	0.081	0.90	2.20	0.097	5.100	34.00	590	35.	
10 02 75 1355			.3		0.082	0.040	1.70	2.10	0.036	3.800	14.00	710	46.	
10 03 75 1355			.3		0.570	0.055	1.30	1.50	0.048	3.000	4.80	600	42.	
14 04 75 1350			.3		0.390	0.084	0.65	1.80	0.034	3.200	21.00	490	25.	
16 06 75 1420			.3		0.054	0.006	0.15	0.86	0.220	1.300	6.00	460	31.	
14 07 75 1315			.3		0.200	0.016	0.01 L	1.00	0.054	1.400	7.00	465	23.	
12 08 75 1315			.3		0.054	0.004	0.06	0.73	0.210	0.890	3.60	470	35.	
15 09 75 1335			.3		0.048	0.013	0.60	1.20	0.180	1.400	0.95	525	35.	
20 10 75 1320			.3		0.049	0.009	0.75	1.50	0.230	1.700	4.50	600	38.	
17 11 75 1400			.3											
15 12 75 1410			.3		0.240	0.058	0.48	1.60	0.059	2.700	50.00	600	32.	
MAXIMUM					0.570	0.084	1.70	2.20	0.230	5.100	50.00	710	46.	
AVG OR GEOM MN (*)					0.190	0.037	0.66 D	1.45	0.117	2.449	14.59	551	34.	
MINIMUM					0.048	0.004	0.01	0.73	0.034	0.890	0.95	460	23.	
NO OF SAMPLES					10	10	10	10	10	10	10	10	10	

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
13 01 75 1330			.3			530.	51.	479						
10 02 75 1355			.3			460.	9.	451						
10 03 75 1355			.3			390.	11.	379						
14 04 75 1350			.3			330.	28.	302						
16 06 75 1420			.3			306.	20.	286						
14 07 75 1315			.3			366.	56.	310						
12 08 75 1315			.3			331.	15.	316						
15 09 75 1335			.3			358.	15.	343						
20 10 75 1320			.3			392.	8.	384						
15 12 75 1410			.3			475.	80.	395						
MAXIMUM						530.	80.	479						
AVG OR GEOM MN (*)						393.	29.	365						
MINIMUM						306.	8.	286						
NO OF SAMPLES						10	10	10						

SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

B.O.W./ SITE: SPEED RIVER
SAMPLE POINT: AT BEAVERDALE BRIDGE DOWNSTREAM OF HESPELER
STATION TYPE: RIVER

STATION ID: 16-0184-013-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

STN NO 13   LAT   LONG   U.T.M. 17 0553950.0 4807700.0 4   REGION 02   MILEAGE 96.90

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L
13 01 75 0855			.3		18210			100.	70.	20.		0.0	9.8	4.5
10 02 75 0855			.3		18246			400.	50.	30.		0.0	9.0	9.0
10 03 75 0907			.3		18282			100. L	10. L	10. L		0.0	11.2	3.2
14 04 75 0914			.3		18308	3		320.	10. L	10. L		2.0	9.8	1.8
16 06 75 0905			.3		18354			680.	150.	10. L		19.0	6.8	5.0
14 07 75 0830			.3		18380							21.0	6.6	7.0
12 08 75 0900			.3		18427			570.	50.	90.		21.0	6.8	2.4
15 09 75 0900			.3		18463			1400.	10.	10.		12.5	7.6	1.4
20 10 75 0915			.3		18502			6600.	140.	270.		9.0	7.8	6.4
17 11 75 0925			.3		18525			3400.	10. L	40.		6.0	10.4	2.0
15 12 75 0930			.3		18571			600.	50.	120.		7.0	8.0	3.8
MAXIMUM								6600.	150.	270.		21.0	11.2	9.0
AVG OR GEOM MN (*)								627.* D	34.* D	31.* D		8.9	8.5	4.2
MINIMUM								100.	10.	10.		0.0	6.6	1.4
NO OF SAMPLES								10	10	10		11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
13 01 75 0855			.3		0.075	0.007	1.00	1.60	0.068	1.900	4.00	620	40.	
10 02 75 0855			.3		0.130	0.054	1.20	3.10	0.055	1.900	4.00	780	64.	
10 03 75 0907			.3		0.120	0.064	1.00	2.30	0.049	1.700	2.10	640	49.	
14 04 75 0914			.3		0.110	0.067	0.60	1.40	0.030	1.100	2.00	500	31.	
16 06 75 0905			.3		0.170	0.058	0.45	0.87	0.340	2.100	4.20	660	60.	
14 07 75 0830			.3		0.360	0.100	0.18	1.80	0.061	1.400	10.00	700	60.	
12 08 75 0900			.3		0.220	0.110	0.03	0.82	0.036	1.900	3.10	780	95.	
15 09 75 0900			.3		0.096	0.038	0.11	0.78	0.170	2.400	0.60	700	60.	
20 10 75 0915			.3		0.170	0.064	0.25	1.00	0.180	2.300	7.90	675	49.	
17 11 75 0925			.3		0.088	0.051	0.28	1.00	0.210	2.400	2.00	650	40.	
15 12 75 0930			.3		0.150	0.047	0.55	1.40	0.072	1.900	19.00	700	63.	
MAXIMUM					0.360	0.110	1.20	3.10	0.340	2.400	19.00	780	95.	
AVG OR GEOM MN (*)					0.154	0.060	0.51	1.46	0.116	1.909	5.36	673	55.	
MINIMUM					0.075	0.007	0.03	0.78	0.030	1.100	0.60	500	31.	
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
13 01 75 0855			.3			460.	10.	450						
10 02 75 0855			.3			530.	15.	515						
10 03 75 0907			.3			430.	3.	427						
14 04 75 0914			.3			320.	9.	311						
16 06 75 0905			.3			498.	15.	483						
14 07 75 0830			.3			718.	45.	673						
12 08 75 0900			.3			530.	14.	516						
15 09 75 0900			.3			429.	5.	424						
20 10 75 0915			.3			512.	35.	477						
17 11 75 0925			.3			438.	3.	435						
15 12 75 0930			.3		60.	499.	53.	446						
MAXIMUM					60.	718.	53.	673						
AVG OR GEOM MN (*)					60.	487.	18.	469						
MINIMUM					60.	320.	3.	311						
NO OF SAMPLES					1	11	11	11						

SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

STATION ID: 16-0184-015-02

B.O.W./ SITE: GRAND RIVER
SAMPLE POINT: AT BRIDGEPORT BRIDGE
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

STN NO 15   LAT   LONG   U.T.M. 17 0541875.0 4814225.0 4   REGION 02   MILEAGE 110.30

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
13 01 75 1005			.3		18213			1910.	950.	660.		0.0	10.8	2.6
10 02 75 1020			.3		18249			400.	100.	100. L		0.0	10.6	0.8
10 03 75 1020			.3		18285			270.	30.	10.		0.0	10.2	0.6
14 04 75 1020			.3		18311	3		160.	40.	30.		1.5	11.6	1.6
16 06 75 1021			.3		18357			220.	40.	10.		19.2	8.2	1.0
14 07 75 0935			.3		18383							20.0	6.8	1.6
12 08 75 1000			.3		18430			210.	130.	10. L		21.0	7.3	0.8
15 09 75 1005			.3		18466			260.	150.	30.		12.0	9.6	1.6
20 10 75 1015			.3		18505			390.	80.	50.		8.5	8.8	1.8
17 11 75 1030			.3		18528			300.	50.	10.		6.5	9.0	0.4
15 12 75 1040			.3		18574			10200.	1000.	1500. G		5.0	8.2	3.0
MAXIMUM								10200.	1000.	1500.		21.0	11.6	3.0
AVG OR GEOM MN (*)								465.*	114.*	46.* E		8.5	9.2	1.4
MINIMUM								160.	30.	10.		0.0	6.8	0.4
NO OF SAMPLES								10	10	10		11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
13 01 75 1005			.3		0.170	0.071	0.41	1.50	0.047	6.200	36.00	520	25.	
10 02 75 1020			.3		0.035	0.014	0.13	0.72	0.010	2.000	6.60	600	22.	
10 03 75 1020			.3		0.047	0.023	0.12	0.69	0.017	3.000	3.20	500	20.	
14 04 75 1020			.3		0.080	0.047	0.13	0.70	0.020	1.900	7.50	435	15.	
16 06 75 1021			.3		0.053	0.002	0.02	0.65	0.013	1.300	4.10	400	15.	
14 07 75 0935			.3		0.110	0.003	0.01 L	0.74	0.013	0.990	25.00	375	12.	
12 08 75 1000			.3		0.070	0.003	0.01 L	0.70	0.005	0.500	7.40	355	12.	
15 09 75 1005			.3		0.042	0.004	0.02	0.74	0.005	0.920	1.00	440	16.	
20 10 75 1015			.3		0.043	0.002	0.01	0.70	0.010	0.910	5.20	475	16.	
17 11 75 1030			.3		0.028	0.004	0.01 L	1.60	0.024	1.800	5.00	550	19.	
15 12 75 1040			.3		0.220	0.061	0.25	1.30	0.032	3.200	50.00	550	20.	
MAXIMUM					0.220	0.071	0.41	1.60	0.047	6.200	50.00	600	25.	
AVG OR GEOM MN (*)					0.082	0.021	0.10 D	0.91	0.018	2.065	13.73	473	17.	
MINIMUM					0.028	0.002	0.01	0.65	0.005	0.500	1.00	355	12.	
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
13 01 75 1005			.3			490.	60.	430						
10 02 75 1020			.3			410.	14.	396						
10 03 75 1020			.3			370.	5.	365						
14 04 75 1020			.3			290.	18.	272						
16 06 75 1021			.3			283.	23.		260					
14 07 75 0935			.3			311.	67.		244					
12 08 75 1000			.3			265.	34.		231					
15 09 75 1005			.3			330.	13.	317						
20 10 75 1015			.3			358.	11.	347						
17 11 75 1030			.3			364.	6.	358						
15 12 75 1040			.3		43.	425.	78.	347						
MAXIMUM					43.	490.	78.	430	260					
AVG OR GEOM MN (*)					43.	354.	29.	354	245					
MINIMUM					43.	265.	5.	272	231					
NO OF SAMPLES					1	11	11	8	3					

SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

B.O.W./ SITE: CANAGAGIGUE CREEK   STATION ID: 16-0184-016-02
SAMPLE POINT: FIRST BRIDGE DOWNSTREAM FROM ELMIRA SEWAGE TREATMENT PLANT
STATION TYPE: RIVER   MAJOR BASIN: GREAT LAKES   STORET CODE: 02
MINOR BASIN: LAKE ERIE   003
TERM STREAM: GRAND RIVER   0150

STN NO 16   LAT   LONG   U.T.M. 17 0537600.0 4825600.0 4   REGION 02   MILEAGE 125.60

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
13 01 75	1350			.3		18234	4	23.0		700.	800.			2.0	2.6
10 02 75	1340			.3		18270	4	13.0	10500E+1	2600.	480.		3.0	2.4	2.2
10 03 75	1645			.3		18306		23.0	22600.	560.	350.		2.5	6.2	1.6
14 04 75	1550			.3		18342		143.	4000.	900.	1180.		5.0	5.6	2.4
23 06 75	1515			.3		18378		18.8	39000.	3700.	300.		27.0	8.2	5.0
15 07 75	1635			.3		18404		30.2	39000.	4500.	210.		25.0	8.6	4.6
13 08 75				.3		18451		26.3	78000.	63000.	1500. G				11.0
15 09 75	1635			.3		18487		20.2	23000.	4100.	320.		15.0	11.6	4.0
20 10 75	1545			.3		18500		40.8	12300E+1	8900.	1500. G		11.0	7.8	5.5
17 11 75	1530			.3		18549		35.3	30000.	21000.	900.		9.0	9.0	3.2
15 12 75	1600			.3		18595		186.	11200E+1	5700.	2900.		3.5	8.8	3.4
MAXIMUM								186.	12300E+1	63000.	2900.		27.0	11.6	11.0
AVG OR GEOM MN (*)								50.9	40079.*	4001.*	697.* U		11.2	7.0	4.1
MINIMUM								13.0	4000.	560.	210.		2.5	2.0	1.6
NO OF SAMPLES								11	10	11	11		9	10	11

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
13 01 75	1350			.3		0.160	0.100	1.80	3.30	0.070	8.700	5.20	950	87.	7.9
10 02 75	1340			.3		0.240	0.056	3.40	4.70	0.140	4.700	5.40	1380	164.	8.1
10 03 75	1645			.3		0.230	0.080	1.90	3.00	0.070	6.200	6.60	880	87.	7.8
14 04 75	1550			.3		0.270	0.120	0.65	1.60	0.040	5.500	33.00	505	29.	7.9
23 06 75	1515			.3		0.360	0.150	2.50	3.80	0.710	4.400	8.50	920	78.	7.9
15 07 75	1635			.3		0.260	0.120	0.01 L	1.80	1.040	2.800	10.00	700	65.	8.2
13 08 75				.3		0.570	0.360	0.03	1.50	1.800	4.200	15.00	900	100.	7.6
15 09 75	1635			.3		0.240	0.160	0.90	1.90	0.500	2.100	1.60	305	90.	8.1
20 10 75	1545			.3		0.220	0.080	1.20	2.70	0.140	2.200	26.00	800	67.	7.8
17 11 75	1530			.3		0.150	0.064	1.10	2.10	0.350	2.600	7.00	840	60.	8.1
15 12 75	1600			.3		0.340	0.110	0.45	1.40	0.062	6.500	40.00	650	26.	8.1
MAXIMUM						0.570	0.360	3.40	4.70	1.800	8.700	40.00	1380	164.	8.2
AVG OR GEOM MN (*)						0.276	0.127	1.27 D	2.53	0.447	4.536	14.39	803	77.	8.0
MINIMUM						0.150	0.056	0.01	1.40	0.040	2.100	1.60	305	26.	7.6
NO OF SAMPLES						11	11	11	11	11	11	11	11	11	11

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
13 01 75	1350			.3		18234	2.	199	328		0.40	30			
10 02 75	1340			.3		18270	3.	254	380		0.70	15			
10 03 75	1645			.3		18306	6.	202	300		0.55	30			
14 04 75	1550			.3		18342	3.	158	228		3.70	40			
23 06 75	1515			.3		18378	10.	236	370		1.20	50			
15 07 75	1635			.3		18404	2.	170	256		0.85	30			
13 08 75				.3		18451	10.	154		233.	1.70	30			
15 09 75	1635			.3		18487	2.	225		334.	0.47	30			
20 10 75	1545			.3		18500		236		294.	1.20	40			
17 11 75	1530			.3		18549	4.	261		344.	0.44	20			
15 12 75	1600			.3		18595	3.	240		321.	2.90	15			
MAXIMUM							10.	261	380	344.	3.70	50			
AVG OR GEOM MN (*)							4.	212	310	305.	1.28	30			
MINIMUM							2.	154	228	233.	0.40	15			
NO OF SAMPLES							10	11	6	5	11	11			

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
13 01 75	1350			.3			820.	15. L	805						
10 02 75	1340			.3			950.	19.	931						
10 03 75	1645			.3			590.	15.	575						
14 04 75	1550			.3			430.	93.	337						
23 06 75	1515			.3			644.	18.	626						
15 07 75	1635			.3			452.	15.	437						
13 08 75				.3			602.	44.	558						
15 09 75	1635			.3			198.	17.	181						
20 10 75	1545			.3			536.	28.	508						
17 11 75	1530			.3			559.	11.	548						
15 12 75	1600			.3			506.	100.	406						
MAXIMUM							950.	100.	931						
AVG OR GEOM MN (*)							571.	34. D	537						
MINIMUM							198.	11.	181						
NO OF SAMPLES							11	11	11						

SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: CONESTOGO RIVER STATION ID: 16-0184-017-02
SAMPLE POINT: AT CONESTOGO C.A. DAM
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

STN NO 17 LAT LONG U.T.M. 17 0523050.0 4835525.0 4 REGION 02 MILEAGE 139.60

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
13 01 75 1215			.3		18231	4	310.	9700.	600.	1500. G			3.0	4.0
10 02 75 1240			.3		18267	4	100.	220.	30.	100. L		1.0	4.4	6.0
10 03 75 1525			.3		18303		254.	100.	30.	10. L		0.0	12.4	1.2
14 04 75 1400			.3		18339		301.	100.	30.	50.		1.5	10.4	1.2
23 06 75 1350			.3		18375		103.	2900.	10. L	10. L		20.0	10.0	1.0
15 07 75 1545			.3		18401		142.	170.	10. L	10.		17.0	11.0	2.6
13 08 75			.3		18448		136.	600.	300.	100.				2.6
15 09 75 1545			.3		18484		179.	290.	200.	30.		16.0	11.2	3.2
20 10 75 1440			.3		18497		184.	310.	150.	20.		11.5	10.2	2.8
17 11 75 1420			.3		18546		161.	260.	120.	40.		8.5	11.4	1.2
15 12 75 1510			.3		18592		675.	560.	70.	220.		2.0	8.4	2.0
MAXIMUM							675.	9700.	600.	1500.		20.0	12.4	6.0
AVG OR GEOM MN (*)							231.	425.*	67.* D	49.* E		8.6	9.2	2.5
MINIMUM							100.	100.	10.	10.		0.0	3.0	1.0
NO OF SAMPLES							11	11	11	11		9	10	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
13 01 75 1215			.3		0.330	0.055	0.75	2.00	0.040	4.000	53.00	405	22.	
10 02 75 1240			.3		0.500	0.024	0.18	2.00	0.023	3.300	170.00	540	19.	
10 03 75 1525			.3		0.072	0.014	0.20	0.98	0.018	2.000	8.20	455	19.	
14 04 75 1400			.3		0.084	0.027	0.25	0.96	0.017	2.000	12.00	426	15.	
23 06 75 1350			.3		0.054	0.009	0.27	0.76	0.046	1.300	17.00	300	6.	
15 07 75 1545			.3		0.082	0.010	0.01 L	0.50	0.007	1.200	30.00	305	7.	
13 08 75			.3		0.078	0.009	0.01 L	0.60	0.005	0.990	25.00	340	9.	
15 09 75 1545			.3		0.110	0.006	0.10	1.20	0.035	0.880	3.20	410	16.	
20 10 75 1440			.3		0.062	0.003	0.20	0.92	0.027	0.640	2.90	420	14.	
17 11 75 1420			.3		0.072	0.015	0.15	0.92	0.037	0.980	28.00	490	17.	
15 12 75 1510			.3		0.096	0.037	0.15	0.84	0.016	1.700	20.00	490	15.	
MAXIMUM					0.500	0.055	0.75	2.00	0.046	4.000	170.00	540	22.	
AVG OR GEOM MN (*)					0.140	0.019	0.21 D	1.06	0.025	1.726	33.57	416	14.	
MINIMUM					0.054	0.003	0.01	0.50	0.005	0.640	2.90	300	6.	
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
13 01 75 1215			.3			500.	190.	310						
10 02 75 1240			.3			750.	373.	377						
10 03 75 1525			.3			320.	11.	309						
14 04 75 1400			.3			290.	14.	276						
23 06 75 1350			.3			195.	23.	172						
15 07 75 1545			.3			224.	26.		198					
13 08 75			.3			270.	49.		221					
15 09 75 1545			.3			314.	59.	255						
20 10 75 1440			.3			310.	25.	285						
17 11 75 1420			.3			326.	20.	306						
15 12 75 1510			.3		27.	334.	21.	313						
MAXIMUM					27.	750.	373.	377	221					
AVG OR GEOM MN (*)					27.	348.	73.	289	210					
MINIMUM					27.	195.	11.	172	198					
NO OF SAMPLES					1	11	11	9	2					

SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT – RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: GRAND RIVER
SAMPLE POINT: AT FIRST BRIDGE DOWNSTREAM FROM LUTHER LAKE DAM
STATION TYPE: RIVER

STATION ID: 16-0184-019-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

STN NO 19 LAT LONG U.T.M. 17 0548025.0 4868200.0 4 REGION 02 MILEAGE 168.20

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
13 01 75	1110			.3		18229	4		20.	10. L	10.		4.0	1.8	1.0
10 02 75	1135			.3		18265	4		10. L	10.	10. L		2.0	2.4	1.0
10 03 75	1320			.3		18301			10. L	10. L	10. L		2.0	6.0	0.8
14 04 75	1300			.3		18337			10. L	10. L	10.		4.0	6.8	
23 06 75	1220			.3		18373			700.	50.	110.		28.0	10.4	1.4
15 07 75	1425			.3		18399			3200.	10. L	60.		21.0	8.4	2.6
13 08 75				.3		18446			100.	70.	40.				1.8
15 09 75	1400			.3		18482			200.	90.	40.		13.5	9.4	2.4
20 10 75	1335			.3		18495			200.	150.	80.		8.5	10.0	2.0
17 11 75	1245			.3		18544			300.	10. L	10. L		5.0	10.4	1.2
15 12 75	1340			.3		18590			300.	20.	90.		1.0	8.6	1.4
				MAXIMUM					3200.	150.	110.		28.0	10.4	2.6
				AVG OR GEOM MN (*)					104.* D	23.* D	28.* D		8.9	7.4	1.6
				MINIMUM					10.	10.	10.		1.0	1.8	0.8
				NO OF SAMPLES					11	11	11		10	10	10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
13 01 75	1110			.3		0.034	0.003	0.16	1.10	0.006	0.090	2.60	280	3.	
10 02 75	1135			.3		0.032	0.004	0.31	1.20	0.006	0.130	3.40	305	3.	
10 03 75	1320			.3		0.030	0.002	0.38	1.30	0.007	0.150	2.00	345	3.	
14 04 75	1300			.3		0.078	0.005	0.42	1.40	0.007	0.010L	3.40	365	4.	
23 06 75	1220			.3		0.041	0.011	0.12	0.79	0.018	0.010	2.50	200	2.	
15 07 75	1425			.3		0.130	0.005	0.09	1.20	0.003	0.010L	15.00	205	2.	
13 08 75				.3		0.085	0.012	0.13	1.10	0.018	0.010L	6.50	200	1.	
15 09 75	1400			.3		0.080	0.002	0.01	1.10	0.002	0.010L	2.20	195	1.	
20 10 75	1335			.3		0.037	0.004	0.04	0.83	0.006	0.010	3.40	215	2.	
17 11 75	1245			.3		0.060	0.004	0.07	1.00	0.006	0.020	7.70	220	2.	
15 12 75	1340			.3		0.043	0.003	0.08	0.86	0.005	0.150	4.80	220	1.	
				MAXIMUM		0.130	0.012	0.42	1.40	0.018	0.150	15.00	365	4.	
				AVG OR GEOM MN (*)		0.059	0.005	0.17	1.08	0.008	0.055D	4.86	250	2.	
				MINIMUM		0.030	0.002	0.01	0.79	0.002	0.010	2.00	195	1.	
				NO OF SAMPLES		11	11	11	11	11	11	11	11	11	

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
13 01 75	1110			.3			260.	15.	245						
10 02 75	1135			.3			199.	4.		195					
10 03 75	1320			.3			230.	6.		224					
14 04 75	1300			.3			272.	35.		257					
23 06 75	1220			.3			130.	5.	125						
15 07 75	1425			.3			161.	28.		133					
13 08 75				.3			147.	17.		130					
15 09 75	1400			.3			127.	23.	104						
20 10 75	1335			.3			146.	6.		140					
17 11 75	1245			.3			159.	16.		143					
15 12 75	1340			.3		7.	152.	9.		143					
				MAXIMUM		7.	272.	35.	245	257					
				AVG OR GEOM MN (*)		7.	180.	14.	158	171					
				MINIMUM		7.	127.	4.	104	130					
				NO OF SAMPLES		1	11	11	3	8					

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SAMPLE INFORMATION SYSTEM       STATION SUMMARY REPORT - RIVER BASINS                        DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: BADEN CREEK                                                                   STATION ID:  16-0184-020-02
 SAMPLE POINT: AT HIGHWAYS 7 AND 8 BADEN
 STATION TYPE: RIVER                                     MAJOR BASIN: GREAT LAKES                           STORET CODE: 02
                                                         MINOR BASIN: LAKE ERIE                                          003
                                                         TERM STREAM: GRAND RIVER                                        0150

STN NO     20        LAT                 LONG            U.T.M. 17 0527450.0 4804650.0 4      REGION 02          MILEAGE  128.60


                                       934       901       444        80        81        84        88       805         3         1
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE       SCD  FLOW CFS     TOTAL     FECAL      M.F.    PSEUD.     WATER     DISS.     5-DAY
DY MO YR LMT   DIST BRG DEPTH           NO                      COLIFORM  COLIFORM    ENTER.       MPA     TEMP.        02       BOD
               FEET      MTRS                                   MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L

13 01 75 1120               .3       18216                         1220.      780.     1050.                 0.0       6.4       2.6
10 02 75 1145               .3       18252                         6400.      110.    100. L                 0.0       8.6       3.0
10 03 75 1140               .3       18288                         5400.       50.       30.                 2.0      10.2       2.2
14 04 75 1135               .3       18314         3               3300.      700.      200.                 6.0      11.4       3.0
16 06 75 1154               .3       18360                        20000.      720.      110.                19.8       8.2       6.5
14 07 75 1100               .3       18386                                                                  18.0       8.2       2.0
12 08 75 1100               .3       18433                         8900.      300.      570.                18.0       8.4       1.6
15 09 75 1125               .3       18469                         9300.      900.      200.                13.0       9.2       6.6
20 10 75 1125               .3       18508                         7300.     2300.     1500.                 9.0       7.2       4.8
17 11 75 1155               .3       18531                         9100.     3300.      900.                 9.0       9.8       1.2
15 12 75 1200               .3       18577                        42000.     4800.     7600.                 5.0       8.2       2.6


                       MAXIMUM                                    42000.     4800.     7600.                19.8      11.4       6.6
            AVG OR GEOM MN (*)                                    7600.*     680.*   390.* D                 9.1       8.7       3.3
                       MINIMUM                                     1220.       50.       30.                 0.0       6.4       1.2

                 NO OF SAMPLES                                        10        10        10                  11        11        11

                                        33        34        19        20        21        22        16        14        56        55
SAMP DTE HOUR  STN  STN SAMP  PJ     TOTAL  FILTERED  FILTERED     TOTAL   NITRITE   NITRATE     TURB.     COND.  CHLORIDE        PH
DY MO YR LMT   DIST BRG DEPTH            P  REACTIVE   AMMONIA  KJELDAHL     NO2-N     NO3-N  FORMAZIN       25C      MG/L    AT LAB
               FEET      MTRS         MG/L    P MG/L      MG/L      MG/L      MG/L      MG/L     UNITS     UMHOS

13 01 75 1120               .3       0.260     0.100      0.44      1.40     0.058     2.900     29.00      1060      200.
10 02 75 1145               .3       0.370     0.280      0.04      1.20     0.050     2.400     17.00       760       81.
10 03 75 1140               .3       0.330     0.150      0.45      2.00     0.058     1.700     12.00       620       38.
14 04 75 1135               .3       0.280     0.140      4.00      8.60     0.035     5.700     30.00       810      130.
16 06 75 1154               .3       0.350     0.085      0.40      1.90     0.140     0.940      7.60       640       75.
14 07 75 1100               .3       0.270     0.120    0.01 L      0.60     0.280     1.100     10.00       630       70.
12 08 75 1100               .3       0.360     0.220      0.04      0.48     0.010     0.800     12.00       495       12.
15 09 75 1125               .3       0.410     0.180      0.27      1.40     0.076     1.100      1.70       575       19.
20 10 75 1125               .3       0.310     0.140      0.19      0.90     0.057     1.300     27.00       580       24.
17 11 75 1155               .3       0.170     0.099      0.23      0.72     0.057     2.000      6.20       660       46.
15 12 75 1200               .3       0.330     0.110      0.21      1.40     0.040     2.800    110.00       430       23.


                       MAXIMUM       0.410     0.280      4.00      8.60     0.280     5.700    110.00      1060      200.
            AVG OR GEOM MN (*)       0.313     0.148    0.57 D      1.87     0.078     2.067     23.86       660       65.
                       MINIMUM       0.170     0.085      0.01      0.48     0.010     0.800      1.70       430       12.

                 NO OF SAMPLES          11        11        11        11        11        11        11        11        11

                                        59         5         6         7       107        67        66        45        47        41
SAMP DTE HOUR  STN  STN SAMP  PJ  SULPHATE     TOTAL     SUSP.     DISS.     DISS.   PTSSIUM    SODIUM     TOT C   ORGANIC       COD
DY MO YR LMT   DIST BRG DEPTH                 SOLIDS    SOLIDS    SOLIDS    SOLIDS         K        NA      AS C    C AS C
               FEET      MTRS         MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

13 01 75 1120               .3                  880.       45.       835
10 02 75 1145               .3                  520.       47.       473
10 03 75 1140               .3                  480.       37.       443
14 04 75 1135               .3                  540.       59.       481
16 06 75 1154               .3                  554.      122.       432
14 07 75 1100               .3                  498.       26.       472
12 08 75 1100               .3                  375.       26.       349
15 09 75 1125               .3                  542.       63.       479
20 10 75 1125               .3                  490.       57.       433
17 11 75 1155               .3                  464.       16.       448
15 12 75 1200               .3         30.      430.      131.       299


                       MAXIMUM         30.      880.      131.       835
            AVG OR GEOM MN (*)         30.      524.       57.       468
                       MINIMUM         30.      375.       16.       299

                 NO OF SAMPLES           1        11        11        11
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SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: GRAND RIVER
SAMPLE POINT: BLOSSOM AVE BRIDGE NEWPORT
STATION TYPE: RIVER

STATION ID: 16-0184-024-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

STN NO 24 LAT LONG U.T.M. 17 0561750.0 4771900.0 4 REGION 02 MILEAGE 49.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
13 01 75 1220			.3		18205			1810.	680.	1500. G		0.0	11.8	4.6
10 02 75 1235			.3		18241			50.	10. L	100. L		0.0	10.0	1.6
10 03 75 1230			.3		18277			30.	10. L	10. L		1.0	12.2	1.4
14 04 75 1245			.3		18326			10.	10. L	10. L		5.5	11.4	1.6
17 06 75 1245			.3		18349			140.	10.	10.		23.0	8.0	1.6
17 07 75 1215			.3		18412			470.	10. L	20.		22.0	7.8	1.4
11 08 75 1220			.3		18422			290.	30.	30.		24.0	7.7	1.4
15 09 75 1300			.3		18458			200.	160.	10. L		14.0	9.8	1.4
27 10 75 1300			.3		18520			200.	10.	10. L		12.0	9.0	1.2
17 11 75 1315			.3		18556			39200.	60.	10. L		7.5	11.2	1.0
15 12 75 1310			.3		18566			1300.	50.	240.		5.0	10.4	2.2
MAXIMUM								39200.	680.	1500.		24.0	12.2	4.6
AVG OR GEOM MN (*)								286.*	28.* D	31.* E		10.4	9.9	1.8
MINIMUM								10.	10.	10.		0.0	7.7	1.0
NO OF SAMPLES								11	11	11		11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
13 01 75 1220			.3		0.210	0.052	1.00	1.90	0.057	5.200	64.00	540	30.	
10 02 75 1235			.3		0.055	0.042	0.90	1.50	0.028	3.800	3.50	860	75.	
10 03 75 1230			.3		0.079	0.041	0.55	1.10	0.087	3.400	5.50	650	44.	
14 04 75 1245			.3		0.068	0.027	0.24	0.68	0.033	2.500	9.50	520	23.	
17 06 75 1245			.3		0.019	0.005	0.06	0.48	0.042	1.600	15.00	580	35.	
17 07 75 1215			.3		0.094	0.004	0.05	0.80	0.015	1.200	18.00	560	35.	
11 08 75 1220			.3		0.033	0.003	0.03	0.94	0.010	1.200	15.00	560	40.	
15 09 75 1300			.3		0.052	0.008	0.05	0.84	0.016	1.500	0.74	600	36.	
27 10 75 1300			.3		0.045	0.011	0.15	0.63	0.034	1.600	6.00	680	40.	
17 11 75 1315			.3		0.064	0.024	0.25	0.90	0.040	2.600	5.00	700	35.	
15 12 75 1310			.3		0.085	0.035	0.45	1.10	0.036	2.400	20.00	680	37.	
MAXIMUM					0.210	0.052	1.00	1.90	0.087	5.200	64.00	860	75.	
AVG OR GEOM MN (*)					0.073	0.023	0.34	0.99	0.036	2.455	14.75	630	39.	
MINIMUM					0.019	0.003	0.03	0.48	0.010	1.200	0.74	520	23.	
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
13 01 75 1220			.3			540.	120.	420						
10 02 75 1235			.3			580.	8.	572						
10 03 75 1230			.3			480.	6.	474						
14 04 75 1245			.3			340.	16.	324						
17 06 75 1245			.3			460.	25.	435						
17 07 75 1215			.3			422.	32.	390						
11 08 75 1220			.3			421.	33.	388						
15 09 75 1300			.3			451.	29.	422						
27 10 75 1300			.3			466.	10.	456						
17 11 75 1315			.3			457.	7.	450						
15 12 75 1310			.3			454.	26.	428						
MAXIMUM						580.	120.	572						
AVG OR GEOM MN (*)						461.	28.	433						
MINIMUM						340.	6.	324						
NO OF SAMPLES						11	11	11						

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SAMPLE INFORMATION SYSTEM        STATION SUMMARY REPORT - RIVER BASINS                              DATE OF REPORT  28 OCT 77

                                                                                                    STATION ID:  16-0184-026-02
B.O.W./ SITE: ALDER CREEK
SAMPLE POINT: AT MANNHEIM BRIDGE
STATION TYPE: RIVER                                        MAJOR BASIN: GREAT LAKES                               STORET CODE: 02
                                                           MINOR BASIN: LAKE ERIE                                              003
                                                           TERM STREAM: GRAND RIVER                                            0150

STN NO    26       LAT                   LONG               U.T.M. 17 0536500.0 4804800.0 4     REGION 02          MILEAGE  117.00

                                        934        901        444         80         81         84         88        805          3          1
SAMP DTE HOUR  STN  STN SAMP  PJ     SAMPLE        SCD   FLOW CFS      TOTAL      FECAL       M.F.     PSEUD.      WATER      DISS.      5-DAY
DY MO YR LMT   DIST BRG DEPTH            NO                         COLIFORM   COLIFORM     ENTER.        MPA      TEMP.         O2        BOD
               FEET      MTRS                                       MF/100ML   MF/100ML   MF/100ML   MF/100ML      DEG C       MG/L       MG/L

13 01 75 1200              .3         18218                            2500.        80.       360.                   0.0        7.6        1.8
10 02 75 1230              .3         18254                             100.        10. L      10. L                 0.0        6.4        8.5
10 03 75 1230              .3         18290                              90.        10.        10.                   0.0        9.0        4.8
14 04 75 1215              .3         18316          3                   10. L      10. L      10. L                 5.5        9.0        2.0
16 06 75 1235              .3         18362                             380.       250.        40.                  22.0       12.6        6.0
14 07 75 1140              .3         18388                                                                         19.0        9.8        3.4
12 08 75 1130              .3         18435                            1710.        60.       270.                  20.0       11.6        2.0
15 09 75 1210              .3         18471                             500.        70.        80.                  12.5       14.5        3.4
20 10 75 1200              .3         18510                            1700.       540.       310.                   9.0       10.6        1.6
17 11 75 1235              .3         18533                             400.       100. L      10. L                 9.0       10.0        0.8
15 12 75 1240              .3         18579                           11700.      3200.      1500. G                 5.0        9.0        3.2


                      MAXIMUM                                     11700.      3200.      1500.                  22.0       14.5        8.5
           AVG OR GEOM MN (*)                                      475.* D     82.* D     65.* E                 9.3       10.0        3.4
                      MINIMUM                                        10.        10.        10.                   0.0        6.4        0.8

                NO OF SAMPLES                                        10         10         10                    11         11         11

                                         33         34         19         20         21         22         16         14         56         55
SAMP DTE HOUR  STN  STN SAMP  PJ      TOTAL   FILTERED   FILTERED      TOTAL    NITRITE    NITRATE      TURB.      COND.   CHLORIDE         PH
DY MO YR LMT   DIST BRG DEPTH             P   REACTIVE    AMMONIA   KJELDAHL      NO2-N      NO3-N   FORMAZIN        25C       MG/L     AT LAB
               FEET      MTRS          MG/L     P MG/L       MG/L       MG/L       MG/L       MG/L      UNITS      UMHOS

13 01 75 1200              .3         0.370      0.280       0.27       1.10      0.061      4.400       3.90        720        35.
10 02 75 1230              .3         2.500      2.300       3.30       6.00      0.550      7.500       6.40        770        46.
10 03 75 1230              .3         1.200      1.200       0.80       2.50      0.160      5.000       3.20        700        46.
14 04 75 1215              .3         0.570      0.400       0.46       1.20      0.150      3.700       6.60        570        31.
16 06 75 1235              .3         1.200      0.900       0.01 L     1.10      0.240      2.500       3.80        580        34.
14 07 75 1140              .3         0.960      0.600       0.01 L     1.20      0.052      1.700      25.00        495        22.
12 08 75 1130              .3         1.500      1.300       0.01 L     1.20      0.230      5.500       4.60        675        43.
15 09 75 1210              .3         1.100      1.000       0.01 L     0.74      0.029      3.600       1.10        700        42.
20 10 75 1200              .3                    0.850       0.01 L     0.60      0.026      3.600       4.40        680        37.
17 11 75 1235              .3         0.890      0.700       0.03       0.51      0.023      3.700       2.70        720        40.
15 12 75 1240              .3         0.450      0.190       0.21       1.50      0.060      6.600      38.00        580        32.


                      MAXIMUM         2.500      2.300       3.30       6.00      0.550      7.500      38.00        770        46.
           AVG OR GEOM MN (*)         1.074      0.884       0.47 D     1.61      0.144      4.345       9.06        654        37.
                      MINIMUM         0.370      0.190       0.01       0.51      0.023      1.700       1.10        495        22.

                NO OF SAMPLES            10         11         11         11         11         11         11         11         11

                                         59          5          6          7        107         67         66         45         47         41
SAMP DTE HOUR  STN  STN SAMP  PJ   SULPHATE      TOTAL      SUSP.      DISS.      DISS.    PTSSIUM     SODIUM      TOT C    ORGANIC        COD
DY MO YR LMT   DIST BRG DEPTH                   SOLIDS     SOLIDS     SOLIDS     SOLIDS          K         NA       AS C     C AS C
               FEET      MTRS          MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L

13 01 75 1200              .3                     560.        15. L    545
10 02 75 1230              .3                     550.        11.      539
10 03 75 1230              .3                     500.         7.      493
14 04 75 1215              .3                     420.        46.      374
16 06 75 1235              .3                     349.        19.      330
14 07 75 1140              .3                     424.        66.      358
12 08 75 1130              .3                     493.        16.      477
15 09 75 1210              .3                     469.        11.      458
20 10 75 1200              .3                     466.         9.      457
17 11 75 1235              .3                     477.         9.      468
15 12 75 1240              .3                     461.        74.      387


                      MAXIMUM                     560.        74.      545
           AVG OR GEOM MN (*)                     469.        25. D    444
                      MINIMUM                     349.         7.      330

                NO OF SAMPLES                       11         11       11
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SAMPLE INFORMATION SYSTEM       STATION SUMMARY REPORT - RIVER BASINS                           DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: GRAND RIVER                                                                         STATION ID:  16-0184-027-02
 SAMPLE POINT: AT COCKSUTTS BRIDGE BRANTFORD
 STATION TYPE: RIVER                                        MAJOR BASIN: GREAT LAKES                          STORET CODE: 02
                                                            MINOR BASIN: LAKE ERIE                                         003
                                                            TERM STREAM: GRAND RIVER                                       0150

STN NO     27        LAT                LONG                U.T.M. 17 0561425.0 4773050.0 4     REGION 02             MILEAGE   57.50

                                       934       901       444        80        81        84        88       805         3         1
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE       SCD  FLOW CFS     TOTAL     FECAL      M.F.    PSEUD.     WATER     DISS.     5-DAY
DY MO YR LMT   DIST BRG DEPTH           NO                      COLIFORM  COLIFORM    ENTER.       MPA     TEMP.        02       BOD
               FEET      MTRS                                   MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L

13 01 75 1230              .3      18206               3690.     1260.      930.     1500. G               0.0       7.6       6.0
10 02 75 1300              .3      18242         4      700.      170.       10. L    100. L               0.0      11.0       3.2
10 03 75 1245              .3      18278               1610.        90.       10. L     10. L               0.5      10.4       2.2
14 04 75 1300              .3      18327               3980.        40.       10. L     10. L               5.5      10.0       1.4
17 06 75 1310              .3      18350               1160.        50.       10. L     20.                24.0       9.2       1.6
15 07 75 1240              .3      18413                707.      340.       40.       10. L              22.0       8.4       1.6
11 08 75 1240              .3      18423                617.      280.       70.       10.                23.0       8.5       1.2
15 09 75 1310              .3      18459               1010.      340.      100.       10.                15.0      10.2       1.2
27 10 75 1310              .3      18521                831.       90.       10.       10.                11.0      10.8       0.2
17 11 75 1330              .3      18557               1190.     1700.      180.       10. L               9.0      10.8       0.8
15 12 75 1330              .3      18567               2910.     1370.      180.      190.                 5.0       9.0       2.2


                      MAXIMUM                          3980.     1700.      930.     1500.                24.0      11.0       6.0
           AVG OR GEOM MN (*)                          1673.      252.*     43.* D    27.* E             10.5       9.6       2.0
                      MINIMUM                           617.       40.       10.       10.                 0.0       7.6       0.2

                NO OF SAMPLES                             11        11        11        11                  11        11        11

                                        33        34        19        20        21        22        16        14        56        55
SAMP DTE HOUR  STN  STN SAMP  PJ     TOTAL  FILTERED  FILTERED     TOTAL   NITRITE   NITRATE     TURB.     COND.  CHLORIDE        PH
DY MO YR LMT   DIST BRG DEPTH            P  REACTIVE   AMMONIA  KJELDAHL     NO2-N     NO3-N  FORMAZIN       25C      MG/L    AT LAB
               FEET      MTRS         MG/L    P MG/L      MG/L      MG/L      MG/L      MG/L     UNITS     UMHOS

13 01 75 1230              .3      0.450     0.068      0.38      1.80     0.061     5.400    160.00       500       26.       8.1
10 02 75 1300              .3      0.170     0.040      0.80      1.50     0.015     3.900     17.00       850       71.       8.0
10 03 75 1245              .3      0.180     0.037      0.50      1.30     0.033     3.600      6.80       640       43.       8.1
14 04 75 1300              .3      0.068     0.031      0.25      0.76     0.030     2.200     15.00       500       22.       8.2
17 06 75 1310              .3      0.068     0.005      0.04      0.76     0.030     1.600      4.00       560       32.       8.3
15 07 75 1240              .3      0.076     0.001      0.01 L    0.92     0.015     1.200     15.00       540       32.       8.6
11 08 75 1240              .3      0.094     0.005      0.05      0.76     0.010     1.100     10.00       550       51.       8.3
15 09 75 1310              .3      0.036     0.006      0.02      0.52     0.013     1.400      0.65       600       33.       8.5
27 10 75 1310              .3      0.035     0.008      0.01      0.48     0.014     1.400      2.30       660       37.       8.4
17 11 75 1330              .3      0.046     0.021      0.15      0.76     0.035     2.500      3.60       700       35.       8.3
15 12 75 1330              .3      0.095     0.027      0.30      0.91     0.032     2.500     22.00       700       43.       8.3


                      MAXIMUM      0.450     0.068      0.80      1.80     0.061     5.400    160.00       850       71.       8.6
           AVG OR GEOM MN (*)      0.120     0.023      0.23 D    0.95     0.026     2.436     23.31       618       38.       8.3
                      MINIMUM      0.035     0.001      0.01      0.48     0.010     1.100      0.65       500       22.       8.0

                NO OF SAMPLES         11        11        11        11        11        11        11        11        11        11

                                       934        95        52        50        76        61        68        25        60       280
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE   ACIDITY   TOT ALK  HARDNESS    CALCUL     TOTAL    COLOUR   PHENOLS            REACTIVE
DY MO YR LMT   DIST BRG DEPTH           NO      MG/L    AT LAB     CACO3  HARDNESS      IRON     HAZEN            FLUORIDE  SILICATE
               FEET      MTRS                             MG/L      MG/L      MG/L      MG/L     UNITS      UG/L      MG/L   SI MG/L

13 01 75 1230              .3      18206        4.       146       228                1.10        40
10 02 75 1300              .3      18242        1.       227       360                0.20        10
10 03 75 1245              .3      18278        1.       197       296                0.55        20
14 04 75 1300              .3      18327        1.       175       244                0.90        20
17 06 75 1310              .3      18350        0.       172       276                0.63        30
15 07 75 1240              .3      18413        0.       148       248                0.55        15
11 08 75 1240              .3      18423        0.       154                258.      0.65        20
15 09 75 1310              .3      18459        0.       175                273.      0.33        10
27 10 75 1310              .3      18521        0.       209                310.      0.17        15
17 11 75 1330              .3      18557        0.       230                326.      0.32        20
15 12 75 1330              .3      18567        0.       230                321.      0.90        10


                      MAXIMUM                   4.       230       360      326.      1.10        40
           AVG OR GEOM MN (*)                   0.       188       275      297.      0.57        19
                      MINIMUM                   0.       146       228      258.      0.17        10

                NO OF SAMPLES                   11        11         6         5        11        11

                                        59         5         6         7       107        67        66        45        47        41
SAMP DTE HOUR  STN  STN SAMP  PJ  SULPHATE     TOTAL     SUSP.     DISS.     DISS.   PTSSIUM    SODIUM     TOT C   ORGANIC       COD
DY MO YR LMT   DIST BRG DEPTH                 SOLIDS    SOLIDS    SOLIDS    SOLIDS         K        NA      AS C    C AS C
               FEET      MTRS         MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

13 01 75 1230              .3                 490.      140.       350
10 02 75 1300              .3                 620.       38.       582
10 03 75 1245              .3                 460.       15.       445
14 04 75 1300              .3                 300.       22.       278
17 06 75 1310              .3                 452.       45.       407
15 07 75 1240              .3                 370.       29.       341
11 08 75 1240              .3                 370.       39.       331
15 09 75 1310              .3                 432.       12.       420
27 10 75 1310              .3                 436.        8.       428
17 11 75 1330              .3                 463.        8.       455
15 12 75 1330              .3                 481.       33.       448


                      MAXIMUM                 620.      140.       582
           AVG OR GEOM MN (*)                 443.       35.       408
                      MINIMUM                 300.        8.       278

                NO OF SAMPLES                   11        11        11
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SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

STATION ID: 16-0184-028-02

B.O.W./ SITE: GRAND RIVER
SAMPLE POINT: AT HIGHWAY NO 7 BRESLAU
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

STN NO 28 LAT LONG U.T.M. 17 0546650.0 4814025.0 4 REGION 02 MILEAGE 106.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
13 01 75 0945			.3		18212			1880.	960.	860.		0.0	9.6	2.8
10 02 75 1000			.3		18248			1600.	130.	100. L		0.0	10.4	4.8
10 03 75 1000			.3		18284			40.	10.	10. L		0.0	11.0	0.6
14 04 75 1000			.3		18310	3		110.	10. L	20.		1.0	11.8	1.6
16 06 75 1000			.3		18356			240.	40.	40.		18.2	7.2	1.2
14 07 75 0915			.3		18382							20.0	6.4	1.8
12 08 75 0935			.3		18429			350.	50.	10.		21.0	7.1	0.8
15 09 75 0945			.3		18465			200.	60.	10. L		12.0	9.6	1.4
20 10 75 0955			.3		18504			3600.	230.	400.		8.5	8.0	2.8
17 11 75 1010			.3		18527			220.	20.	10.		6.0	10.0	0.8
15 12 75 1015			.3		18573			5700.	140.	1260.		5.0	9.2	2.4
MAXIMUM								5700.	960.	1260.		21.0	11.8	4.8
AVG OR GEOM MN (*)								501.*	63.* D	57.* D		8.3	9.1	1.9
MINIMUM								40.	10.	10.		0.0	6.4	0.6
NO OF SAMPLES								10	10	10		11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
13 01 75 0945			.3		0.160	0.070	0.39	1.50	0.046	7.100	39.00	540	25.	
10 02 75 1000			.3		0.064	0.027	0.14	0.78	0.020	2.100	36.00	620	27.	
10 03 75 1000			.3		0.054	0.027	0.15	0.78	0.022	3.000	2.80	520	22.	
14 04 75 1000			.3		0.062	0.024	0.15	0.80	0.019	2.000	7.00	450	19.	
16 06 75 1000			.3		0.045	0.002	0.02	0.62	0.013	1.200	6.20	400	15.	
14 07 75 0915			.3		0.092	0.006	0.01 L	0.72	0.017	0.900	20.00	380	15.	
12 08 75 0935			.3		0.077	0.004	0.01 L	0.68	0.005	0.500	11.00	360	13.	
15 09 75 0945			.3		0.052	0.003	0.02	0.74	0.006	0.940	1.00	445	18.	
20 10 75 0955			.3		0.064	0.003	0.05	0.86	0.011	0.980	10.00	490	20.	
17 11 75 1010			.3		0.053	0.003	0.01	0.69	0.015	1.800	8.00	560	20.	
15 12 75 1015			.3		0.190	0.053	0.23	1.20	0.033	3.100	45.00	590	29.	
MAXIMUM					0.190	0.070	0.39	1.50	0.046	7.100	45.00	620	29.	
AVG OR GEOM MN (*)					0.083	0.020	0.11 D	0.85	0.019	2.147	16.91	487	20.	
MINIMUM					0.045	0.002	0.01	0.62	0.005	0.500	1.00	360	13.	
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
13 01 75 0945			.3			440.	50.	390						
10 02 75 1000			.3			460.	105.	355						
10 03 75 1000			.3			380.	6.	374						
14 04 75 1000			.3			310.	13.	297						
16 06 75 1000			.3			284.	24.		260					
14 07 75 0915			.3			315.	58.		247					
12 08 75 0935			.3			266.	32.		234					
15 09 75 0945			.3			282.	5.	277						
20 10 75 0955			.3			366.	12.	354						
17 11 75 1010			.3			381.	7.	374						
15 12 75 1015			.3		44.	436.	76.	360						
MAXIMUM					44.	460.	105.	390	260					
AVG OR GEOM MN (*)					44.	356.	35.	348	247					
MINIMUM					44.	266.	5.	277	234					
NO OF SAMPLES					1	11	11	8	3					

SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

B.O.W./ SITE: CONESTOGO RIVER   STATION ID: 16-0184-029-02
SAMPLE POINT: AT WATERLOO COUNTY ROAD NO 22   S
STATION TYPE: RIVER   MAJOR BASIN: GREAT LAKES   STORET CODE: 02
MINOR BASIN: LAKE ERIE   003
TERM STREAM: GRAND RIVER   0150

STN NO   29   LAT   LONG   U.T.M. 17 0539200.0 4819125.0 4   REGION 02   MILEAGE 120.30

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
13 01 75	1400			.3		18235	4		5000.	790.	1500. G			2.2	13.0
10 03 75	1705			.3		18307			30.	10.	10. L		0.0	11.0	1.6
14 04 75	1610			.3		18343			770.	30.	50.			3.0	1.4
23 06 75	1545			.3		18379			500.	100.	10. L		28.0	8.0	1.0
15 07 75	1650			.3		18405			280.	180.	10.		25.0	9.8	0.8
13 08 75				.3		18452			2500.	600.	250.				1.0
15 09 75	1650			.3		18488			670.	430.	40.		15.0	10.4	2.4
20 10 75	1600			.3		18501			1900.	1470.	1500. G		10.5	10.4	2.0
17 11 75	1545			.3		18550			400.	100. L	100. L		8.5	9.0	0.6
15 12 75	1615			.3		18596			17200.	7100.	9400.		4.0	8.8	4.6
MAXIMUM									17200.	7100.	9400.		28.0	11.0	13.0
AVG OR GEOM MN (*)									901.*	255.* D	127.* E		13.0	8.1	2.8
MINIMUM									30.	10.	10.		0.0	2.2	0.6
NO OF SAMPLES									10	10	10		7	9	10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
13 01 75	1400			.3		0.800	0.074	0.75	3.20	0.080	6.900	265.00	500	22.	
10 03 75	1705			.3		0.100	0.019	0.17	0.94	0.020	4.200	6.80	520	22.	
14 04 75	1610			.3		0.130	0.058	0.23	0.84	0.023	3.200	23.00	426	15.	
23 06 75	1545			.3		0.140	0.013	0.04	0.55	0.032	2.600	20.00	460	11.	
15 07 75	1650			.3		0.270	0.006	0.01	0.88	0.015	1.200	15.00	325	8.	
13 08 75				.3		0.080	0.005	0.01	0.68	0.017	0.900	20.00	345	10.	
15 09 75	1650			.3		0.053	0.003	0.02	0.73	0.006	0.860	4.40	410	15.	
20 10 75	1600			.3		0.070	0.022	0.01	0.68	0.016	0.890	16.00	445	14.	
17 11 75	1545			.3		0.044	0.008	0.01	0.59	0.011	1.500	8.00	500	17.	
15 12 75	1615			.3		0.410	0.110	0.24	1.60	0.037	4.700	58.00	470	16.	
MAXIMUM						0.800	0.110	0.75	3.20	0.080	6.900	265.00	520	22.	
AVG OR GEOM MN (*)						0.210	0.032	0.15	1.07	0.026	2.695	43.62	440	15.	
MINIMUM						0.044	0.003	0.01	0.55	0.006	0.860	4.40	325	8.	
NO OF SAMPLES						10	10	10	10	10	10	10	10	10	

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
13 01 75	1400			.3			1000.	500.	500						
10 03 75	1705			.3			420.	33.	387						
14 04 75	1610			.3			340.	25.	315						
23 06 75	1545			.3			516.	32.	484						
15 07 75	1650			.3			379.	168.		211					
13 08 75				.3			281.	57.		224					
15 09 75	1650			.3			295.	21.	274						
20 10 75	1600			.3			346.	16.	330						
17 11 75	1545			.3			335.	13.	322						
15 12 75	1615			.3		31.	498.	244.	254						
MAXIMUM						31.	1000.	500.	500	224					
AVG OR GEOM MN (*)						31.	441.	110.	358	218					
MINIMUM						31.	281.	13.	254	211					
NO OF SAMPLES						1	10	10	8	2					

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SAMPLE INFORMATION SYSTEM        STATION SUMMARY REPORT - RIVER BASINS                      DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: LAUREL CREEK                                                                STATION ID:  16-0184-030-02
 SAMPLE POINT: AT MOUTH BRIDGEPORT
 STATION TYPE: RIVER                                           MAJOR BASIN: GREAT LAKES                   STORET CODE: 02
                                                               MINOR BASIN: LAKE ERIE                                  003
                                                               TERM STREAM: GRAND RIVER                                0150

STN NO     30      LAT                 LONG                U.T.M. 17 0541900.0 4814400.0 4     REGION 02           MILEAGE  110.40

                                            934        901        444         80         81         84         88        805          3          1
SAMP DTE HOUR  STN  STN SAMP  PJ         SAMPLE        SCD   FLOW CFS      TOTAL      FECAL       M.F.     PSEUD.      WATER      DISS.      5-DAY
DY MO YR LMT   DIST BRG DEPTH                NO                         COLIFORM   COLIFORM     ENTER.        MPA      TEMP.         O2        BOD
               FEET      MTRS                                           MF/100ML   MF/100ML   MF/100ML   MF/100ML      DEG C       MG/L       MG/L

13 01 75 1015                  .3         18214                  31.0      1770.       960.       600. G                 0.0        8.2        2.4
10 02 75 1035                  .3         18250                   2.7       390.        80.        80.                   0.0        7.0        0.4
10 03 75 1035                  .3         18286                   6.2      5000.       270.      1010.                   0.0        9.0        0.6
14 04 75 1035                  .3         18312          3       33.8       600.        60.       660.                   3.5       11.8        1.4
16 06 75 1034                  .3         18358                   9.6      3100.       200.       190.                  18.0        8.8        4.0
14 07 75 0945                  .3         18384                  17.9                                                   19.0        7.2        1.4
12 08 75 1005                  .3         18431                   2.6     24100.      1300.       710.                  19.0        8.3        0.8
15 09 75 1020                  .3         18467                   4.2     24000.      4700.       100. L                11.0        9.2        1.2
20 10 75 1025                  .3         18506                   5.1     25000.      1100.       150. G                 8.5        6.8        1.6
17 11 75 1045                  .3         18529                  19.5      2000.      1000.       100. L                 7.0        9.0        1.8
15 12 75 1055                  .3         18575                  46.7     11000.      1800.      2200.                   5.0        9.4        3.4


                          MAXIMUM                                46.7     25000.      4700.      2200.                  19.0       11.8        4.0
               AVG OR GEOM MN (*)                                16.3     4276.*      560.*      328.* E                 8.3        8.6        1.7
                          MINIMUM                                 2.6       390.        60.        80.                   0.0        6.8        0.4

                    NO OF SAMPLES                                  11         10         10         10                    11         11         11

                                             33         34         19         20         21         22         16         14         56         55
SAMP DTE HOUR  STN  STN SAMP  PJ          TOTAL   FILTERED   FILTERED      TOTAL    NITRITE    NITRATE      TURB.      COND.   CHLORIDE         PH
DY MO YR LMT   DIST BRG DEPTH                 P   REACTIVE    AMMONIA   KJELDAHL      NO2-N      NO3-N   FORMAZIN        25C       MG/L     AT LAB
               FEET      MTRS              MG/L     P MG/L       MG/L       MG/L       MG/L       MG/L      UNITS      UMHOS

13 01 75 1015                  .3         0.110      0.033       0.75       1.60      0.032      3.700      19.00        620        35.
10 02 75 1035                  .3         0.032      0.011       0.26       0.59      0.013      2.100       7.50        830        73.
10 03 75 1035                  .3         0.055      0.019       0.32       0.65      0.019      1.900       8.80        880       115.
14 04 75 1035                  .3         0.034      0.015       0.12       0.50      0.016      1.600       7.80        560        36.
16 06 75 1034                  .3         0.120      0.002       0.03       0.98      0.020      0.550       3.70        540        50.
14 07 75 0945                  .3         0.200      0.036       0.04       0.78      0.140      0.990       5.00        495        55.
12 08 75 1005                  .3         0.029      0.003       0.01       0.52      0.005      0.560       1.50        740        84.
15 09 75 1020                  .3         0.038      0.011       0.13       0.70      0.030      1.500       1.20        750        79.
20 10 75 1025                  .3         0.300      0.080       0.03       0.85      0.028      0.850      35.00        315        19.
17 11 75 1045                  .3         0.048      0.012       0.23       1.00      0.020      1.000       5.50        630        35.
15 12 75 1055                  .3         0.220      0.026       0.17       1.10      0.028      1.700      70.00        550        43.


                          MAXIMUM         0.300      0.080       0.75       1.60      0.140      3.700      70.00        880       115.
               AVG OR GEOM MN (*)         0.108      0.023       0.19       0.84      0.032      1.495      15.00        628        56.
                          MINIMUM         0.029      0.002       0.01       0.50      0.005      0.550       1.20        315        19.

                    NO OF SAMPLES            11         11         11         11         11         11         11         11         11

                                            934         95         52         50         76         61         68         25         60        280
SAMP DTE HOUR  STN  STN SAMP  PJ         SAMPLE    ACIDITY    TOT ALK   HARDNESS     CALCUL      TOTAL     COLOUR    PHENOLS              REACTIVE
DY MO YR LMT   DIST BRG DEPTH                NO       MG/L     AT LAB      CACO3   HARDNESS       IRON      HAZEN               FLUORIDE   SILICATE
               FEET      MTRS                                    MG/L       MG/L       MG/L       MG/L      UNITS       UG/L       MG/L    SI MG/L

13 01 75 1015                  .3         18214                                                                         1. L
10 02 75 1035                  .3         18250                                                                         1. L
10 03 75 1035                  .3         18286                                                                         1. L
14 04 75 1035                  .3         18312                                                                         1. L
16 06 75 1034                  .3         18358                                                                         1. L
14 07 75 0945                  .3         18384                                                                         1.
12 08 75 1005                  .3         18431                                                                         2.
15 09 75 1020                  .3         18467                                                                         2.
20 10 75 1025                  .3         18506                                                                         9.
17 11 75 1045                  .3         18529                                                                         6.
15 12 75 1055                  .3         18575                                                                         1. L


                          MAXIMUM                                                                                       9.
               AVG OR GEOM MN (*)                                                                                       2. D
                          MINIMUM                                                                                       1.

                    NO OF SAMPLES                                                                                       11

                                             59          5          6          7        107         67         66         45         47         41
SAMP DTE HOUR  STN  STN SAMP  PJ       SULPHATE      TOTAL      SUSP.      DISS.      DISS.    PTSSIUM     SODIUM      TOT C    ORGANIC        COD
DY MO YR LMT   DIST BRG DEPTH                         SOLIDS     SOLIDS     SOLIDS     SOLIDS          K         NA       AS C     C AS C
               FEET      MTRS              MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L

13 01 75 1015                  .3                     510.        35.        475
10 02 75 1035                  .3                     570.         6.        564
10 03 75 1035                  .3                     610.        13.        597
14 04 75 1035                  .3                     380.        14.        366
16 06 75 1034                  .3                     431.        27.        404
14 07 75 0945                  .3                     488.       133.        355
12 08 75 1005                  .3                     554.         6.        548
15 09 75 1020                  .3                     512.         6.        506
20 10 75 1025                  .3                     273.        68.                   205
17 11 75 1045                  .3                     426.        10.        416
15 12 75 1055                  .3           37.       481.       140.        341


                          MAXIMUM           37.       610.       140.        597        205
               AVG OR GEOM MN (*)           37.       475.        41.        457        205
                          MINIMUM           37.       273.         6.        341        205

                    NO OF SAMPLES             1         11         11         10          1
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SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

B.O.W./ SITE: NITH RIVER
SAMPLE POINT: FIRST BRIDGE DOWNSTREAM FROM PLATTSVILLE
STATION TYPE: RIVER

STATION ID: 16-0184-031-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

STN NO 31   LAT   LONG   U.T.M. 17 0531150.0 4793000.0 4   REGION 01   MILEAGE 113.30

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L
13 01 75	1255			.3		18220			3700.	340.	1500. G		0.0	9.4	2.8
10 02 75	1325			.3		18256			870.	40.	100. L		0.0	8.8	1.4
10 03 75	1325			.3		18292			170.	10. L	10. L		0.0	10.0	0.6
14 04 75	1310			.3		18318	3		10.	10. L	10. L		3.5	11.4	1.6
16 06 75	1340			.3		18364			250.	50.	10. L		23.5	9.8	2.0
14 07 75	1235			.3		18390							22.0	8.2	1.0
12 08 75	1215			.3		18437			29000.	730.	170.		25.0	8.6	1.2
15 09 75	1300			.3		18473			200.	120.	100.		14.0	6.4	1.8
20 10 75	1250			.3		18512			1700.	240.	90.		10.0	9.4	1.2
17 11 75	1325			.3		18535			9000.	840.	70.		8.0	11.2	0.6
15 12 75	1330			.3		18581			7000.	40.	1500. G		4.0	9.4	2.6
MAXIMUM									29000.	840.	1500.		25.0	11.4	2.8
AVG OR GEOM MN (*)									984.*	93.* D	87.* E		10.0	9.3	1.5
MINIMUM									10.	10.	10.		0.0	6.4	0.6
NO OF SAMPLES									10	10	10		11	11	11

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
13 01 75	1255			.3		0.250	0.100	0.34	1.40	0.038	6.000	43.00	375	15.	
10 02 75	1325			.3		0.048	0.019	0.08	0.65	0.027	6.100	2.90	660	22.	
10 03 75	1325			.3		0.059	0.038	0.46	0.84	0.035	5.500	3.50	580	26.	
14 04 75	1310			.3		0.130	0.078	0.30	0.96	0.027	1.300	23.00	410	15.	
16 06 75	1340			.3		0.032	0.020	0.12	0.72	0.021	1.200	2.40	460	16.	
14 07 75	1235			.3		0.082	0.003	0.05	0.70	0.041	1.200	3.00	540	17.	
12 08 75	1215			.3		0.042	0.006	0.19	0.70	0.018	0.880	1.50	540	18.	
15 09 75	1300			.3		0.034	0.004	0.03	0.82	0.006	0.820	2.80	500	17.	
20 10 75	1250			.3		0.016	0.007	0.06	0.54	0.009	1.400	2.40	600	16.	
17 11 75	1325			.3		0.078	0.039	0.05	0.76	0.019	3.000	9.50	620	17.	
15 12 75	1330			.3		0.290	0.080	0.12	1.10	0.029	3.500	52.00	560	19.	
MAXIMUM						0.290	0.100	0.46	1.40	0.041	6.100	52.00	660	26.	
AVG OR GEOM MN (*)						0.096	0.036	0.16	0.84	0.025	2.809	13.27	531	18.	
MINIMUM						0.016	0.003	0.03	0.54	0.006	0.820	1.50	375	15.	
NO OF SAMPLES						11	11	11	11	11	11	11	11	11	

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
13 01 75	1255			.3			289.	45.		244					
10 02 75	1325			.3			450.	11.	439						
10 03 75	1325			.3			340.	7.	333						
14 04 75	1310			.3			300.	24.	276						
16 06 75	1340			.3			328.	18.	310						
14 07 75	1235			.3			414.	23.	391						
12 08 75	1215			.3			424.	14.	410						
15 09 75	1300			.3			347.	11.	336						
20 10 75	1250			.3			414.	2.	412						
17 11 75	1325			.3			423.	9.	414						
15 12 75	1330			.3			497.	148.	349						
MAXIMUM							497.	148.	439	244					
AVG OR GEOM MN (*)							384.	28.	367	244					
MINIMUM							289.	2.	276	244					
NO OF SAMPLES							11	11	10	1					

SAMPLE INFORMATION SYSTEM　　STATION SUMMARY REPORT - RIVER BASINS　　DATE OF REPORT 28 OCT 77

STATION ID: 16-0184-032-02

B.O.W./ SITE: NITH RIVER
SAMPLE POINT: FIRST BRIDGE DOWNSTREAM FROM NEW HAMBURG
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

STN NO 32　LAT　LONG　U.T.M. 17 0526050.0 4802400.0 4　REGION 02　MILEAGE 126.30

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
13 01 75 1140			.3		18217		598.	1880.	340.	1500. G		0.0	11.6	1.8
10 02 75 1205			.3		18253		45.4	70.	10. L	100. L		0.0	9.6	1.0
10 03 75 1205			.3		18289		103.	170.	40.	10. L		0.0	11.0	0.8
14 04 75 1155			.3		18315	3	720.	380.	10.	30.		2.5	10.8	1.4
08 05 75 1120			.3		70207	6	222.	4000.	100. L	100. L			10.1	2.6
27 05 75 1205			.3		70208	6	35.9	10. L	10. L	10. L		22.0	7.5	10.0
16 06 75 1213			.3		18361		22.0	240.	20.	10.		21.0	4.0	1.2
14 07 75 1120			.3		18387		33.6					21.0	6.6	3.0
12 08 75 1115			.3		18434		15.3	310.	150.	10.		23.0	8.0	1.0
15 09 75 1145			.3		18470		182.	530.	200.	10. L		13.5	8.0	1.8
20 10 75 1140			.3		18509		54.6	2900.	780.	430.		9.0	8.0	1.0
17 11 75 1210			.3		18532		70.5	200.	100.	10. L		7.0	10.6	0.6
15 12 75 1215			.3		18578		1700.	9000.	2600.	2400.		4.5	8.4	3.8
MAXIMUM							1700.	9000.	2600.	2400.		23.0	11.6	10.0
AVG OR GEOM MN (*)							292.5	451.* D	86.* D	53.* E		10.3	8.8	2.3
MINIMUM							15.3	10.	10.	10.		0.0	4.0	0.6
NO OF SAMPLES							13	12	12	12		12	13	13

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
13 01 75 1140			.3		0.300	0.130	0.31	1.40	0.036	6.200	3.60	385	15.	
10 02 75 1205			.3		0.059	0.044	0.12	0.65	0.027	5.400	7.90	580	21.	
10 03 75 1205			.3		0.110	0.062	0.30	1.30	0.031	4.900	11.00	520	20.	
14 04 75 1155			.3		0.160	0.070	0.30	1.10	0.027	2.000	26.00	410	14.	
08 05 75 1120			.3		0.130	0.037	0.36	1.20	0.028	2.100	23.00	435	15.	8.2
27 05 75 1205			.3		0.110	0.098	0.15	2.50	0.152	0.810	14.00	560	31.	8.0
16 06 75 1213			.3		0.080	0.022	0.04	1.00	0.025	0.820	22.00	480	15.	
14 07 75 1120			.3		0.140	0.031	0.01	0.74	0.049	1.200	65.00	470	20.	
12 08 75 1115			.3		0.130	0.010	0.02	0.72	0.008	0.330	23.00	450	15.	
15 09 75 1145			.3		0.070	0.023	0.02	1.00	0.012	1.300	2.70	480	18.	
20 10 75 1140			.3		0.049	0.005	0.03	0.70	0.011	0.780	14.50	550	19.	
17 11 75 1210			.3		0.092	0.049	0.03	0.72	0.019	2.200	17.00	580	16.	
15 12 75 1215			.3		0.340	0.090	0.31	1.70	0.031	3.300	60.00	520	17.	
MAXIMUM					0.340	0.130	0.36	2.50	0.152	6.200	65.00	580	31.	8.2
AVG OR GEOM MN (*)					0.136	0.052	0.15	1.13	0.035	2.411	22.29	494	18.	8.1
MINIMUM					0.049	0.005	0.01	0.65	0.008	0.330	2.70	385	14.	8.0
NO OF SAMPLES					13	13	13	13	13	13	13	13	13	2

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
13 01 75 1140			.3			250.	15. L	235						
10 02 75 1205			.3			400.	7.	393						
10 03 75 1205			.3			410.	28.	382						
14 04 75 1155			.3			300.	34.	266						20
08 05 75 1120			.3			360.	27.	333					9	20L
27 05 75 1205			.3											
16 06 75 1213			.3			354.	34.	320						
14 07 75 1120			.3			456.	81.	375						
12 08 75 1115			.3			385.	47.	338						
15 09 75 1145			.3			327.	30.	297						
20 10 75 1140			.3			380.	19.	361						
17 11 75 1210			.3			410.	8.	402						
15 12 75 1215			.3		32.	445.	119.	326						
MAXIMUM					32.	456.	119.	402					9	20
AVG OR GEOM MN (*)					32.	373.	37. D	336					9	20D
MINIMUM					32.	250.	7.	235					9	20
NO OF SAMPLES					1	12	12	12					1	2

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SAMPLE INFORMATION SYSTEM       STATION SUMMARY REPORT - RIVER BASINS                        DATE OF REPORT  28 OCT 77

B.O.W./ SITE: NITH RIVER                                                                        STATION ID:  16-0184-033-02
SAMPLE POINT: FIRST BRIDGE DOWNSTREAM FROM AYR
STATION TYPE: RIVER                                     MAJOR BASIN: GREAT LAKES                               STORET CODE: 02
                                                        MINOR BASIN: LAKE ERIE                                              003
                                                        TERM STREAM: GRAND RIVER                                            0150

STN NO    33      LAT              LONG                 U.T.M. 17 0542840.0 4791450.0 4     REGION 02             MILEAGE  105.80


                                     934       901       444        80        81        84        88       805         3         1
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE       SCD  FLOW CFS     TOTAL     FECAL      M.F.    PSEUD.     WATER     DISS.     5-DAY
DY MO YR LMT   DIST BRG DEPTH           NO                      COLIFORM  COLIFORM    ENTER.       MPA     TEMP.        O2       BOD
               FEET      MTRS                                   MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L

13 01 75 1420               .3       18209                       1790.      500.     1500. G               0.0       9.6       3.0
10 02 75 1500               .3       18245                        300.       10.      100. L               0.0       9.0       1.2
10 03 75 1445               .3       18281                        120.      100.       10. L               2.0      10.4       0.6
14 04 75 1445               .3       18330                        150.       10. L     20.                 6.0      10.4       1.6
17 06 75 1500               .3       18353                        100.       20.       10. L              25.0      11.6       3.8
15 07 75 1445               .3       18416                        290.      108.        4.                22.0       9.4       0.6
11 08 75 1415               .3       18426                        260.       20.       30.                24.0      10.0       0.8
15 09 75 1500               .3       18462                        160.       70.       30.                14.0      11.2       1.0
27 10 75 1500               .3       18524                        120.       10. L     10. L              11.0      11.6       0.4
17 11 75 1530               .3       18560                        510.      110.       20.                 8.0      11.6       0.4
15 12 75 1520               .3       18570                    27200E+1      100.     1500. G               5.4       6.6       2.4


                       MAXIMUM                                27200E+1      500.     1500.                25.0      11.6       3.8
            AVG OR GEOM MN (*)                                   460.*      45.* D    39.* E              10.7      10.1       1.4
                       MINIMUM                                    100.       10.        4.                 0.0       6.6       0.4

                 NO OF SAMPLES                                      11        11        11                  11        11        11


                                      33        34        19        20        21        22        16        14        56        55
SAMP DTE HOUR  STN  STN SAMP  PJ     TOTAL  FILTERED  FILTERED     TOTAL   NITRITE   NITRATE     TURB.     COND.  CHLORIDE        PH
DY MO YR LMT   DIST BRG DEPTH            P  REACTIVE   AMMONIA  KJELDAHL     NO2-N     NO3-N  FORMAZIN       25C      MG/L    AT LAB
               FEET      MTRS         MG/L    P MG/L      MG/L      MG/L      MG/L      MG/L     UNITS     UMHOS

13 01 75 1420               .3       0.240     0.100      0.35      1.60     0.038     5.700     22.00       412       20.
10 02 75 1500               .3       0.056     0.033      0.09      0.48     0.024     4.500      3.50       670       22.
10 03 75 1445               .3       0.087     0.053      0.15      0.54     0.030     4.600      3.30       590       20.
14 04 75 1445               .3       0.110     0.055      0.23      0.78     0.029     3.200     20.00       450       15.
17 06 75 1500               .3       0.024     0.005      0.02      0.56     0.017     1.600      3.80       560       18.
15 07 75 1445               .3       0.060     0.004      0.02      0.52     0.012     1.600      6.00       580       18.
11 08 75 1415               .3       0.033     0.003      0.03      0.42     0.014     1.800      3.20       545       18.
15 09 75 1500               .3       0.026     0.007      0.03      0.55     0.005     1.200      0.75       550       17.
27 10 75 1500               .3       0.027     0.004      0.01 L    0.40     0.013     1.900      1.70       630       22.
17 11 75 1530               .3       0.062     0.033      0.02      0.62     0.017     3.000      6.80       640       18.
15 12 75 1520               .3       0.240     0.062      0.14      1.10     0.028     3.600     55.00       600       20.


                       MAXIMUM       0.240     0.100      0.35      1.60     0.038     5.700     55.00       670       22.
            AVG OR GEOM MN (*)       0.088     0.033      0.10 D    0.69     0.021     2.973     11.46       566       18.
                       MINIMUM       0.024     0.003      0.01      0.40     0.005     1.200      0.75       412       15.

                 NO OF SAMPLES          11        11        11        11        11        11        11        11        11


                                      59         5         6         7       107        67        66        45        47        41
SAMP DTE HOUR  STN  STN SAMP  PJ  SULPHATE     TOTAL     SUSP.     DISS.     DISS.   PTSSIUM    SODIUM     TOT C   ORGANIC       COD
DY MO YR LMT   DIST BRG DEPTH                 SOLIDS    SOLIDS    SOLIDS    SOLIDS         K        NA      AS C    C AS C
               FEET      MTRS         MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

13 01 75 1420               .3                    440.       70.       370
10 02 75 1500               .3                    480.        7.       473
10 03 75 1445               .3                    430.        5.       425
14 04 75 1445               .3                    330.       21.       309
17 06 75 1500               .3                    454.       10.       444
15 07 75 1445               .3                    420.        6.       414
11 08 75 1415               .3                    417.       64.       353
15 09 75 1500               .3                    405.       11.       394
27 10 75 1500               .3                    416.        3.       413
17 11 75 1530               .3                    445.        9.       436
15 12 75 1520               .3         58.        502.      101.       401


                       MAXIMUM         58.        502.      101.       473
            AVG OR GEOM MN (*)         58.        430.       27.       403
                       MINIMUM         58.        330.        3.       309

                 NO OF SAMPLES           1          11        11        11
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SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT – RIVER BASINS DATE OF REPORT 28 OCT 77

STATION ID: 16-0184-034-02

B.O.W./ SITE: SPEED RIVER
SAMPLE POINT: EDINBOROUGH STREET GUELPH
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

STN NO 34 LAT LONG U.T.M. 17 0559650.0 4818999.0 4 REGION 02 MILEAGE 107.30

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
13 01 75 0905			.3		18224	4		2100.	60.	400.		1.0	2.0	1.6
10 02 75 0910			.3		18260	4		300.	40.	10. L		0.0	1.6	1.0
10 03 75 1000			.3		18296			140.	20.	10.		0.0	8.0	0.2
14 04 75 0935			.3		18332			10.	10. L	10.		2.0	13.2	1.0
23 06 75 0905			.3		18368			300.	30.	30.		25.0	7.8	1.6
15 07 75 1045			.3		18394			2300.	90.	20.		22.0	13.6	1.4
13 08 75			.3		18441			11100.	80.	510.				0.8
15 09 75 1020			.3		18477			2200.	80.	10. L		13.0	10.0	1.0
20 10 75 1020			.3		18490			22000.	510.	1500. G		10.0	8.8	3.2
17 11 75 1015			.3		18539			1500.	50.	10.		6.0	10.4	0.4
15 12 75 1025			.3		18585			870.	80.	450.		5.0	9.4	2.2
MAXIMUM								22000.	510.	1500.		25.0	13.6	3.2
AVG OR GEOM MN (*)								926.*	56.* D	52.* E		8.4	8.5	1.3
MINIMUM								10.	10.	10.		0.0	1.6	0.2
NO OF SAMPLES								11	11	11		10	10	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
13 01 75 0905			.3		0.058	0.004	0.04	0.78	0.012	0.110	5.30	570	25.	
10 02 75 0910			.3		0.008	0.004	0.04	0.42	0.008	1.800	2.00	725	58.	
10 03 75 1000			.3		0.016	0.006	0.04	0.49	0.009	1.600	2.50	580	38.	
14 04 75 0935			.3		0.020	0.003	0.01	0.44	0.007	1.300	2.50	470	27.	
23 06 75 0905			.3		0.028	0.003	0.05	0.71	0.017	0.800	2.60	520	36.	
15 07 75 1045			.3		0.100	0.013	0.13	1.20	0.018	0.670	5.00	520	11.	
13 08 75			.3		0.027	0.006	0.04	0.48	0.021	0.750	2.30	620	43.	
15 09 75 1020			.3		0.017	0.004	0.03	0.52	0.011	0.770	0.55	600	41.	
20 10 75 1020			.3		0.042	0.020	0.01 L	0.48	0.014	0.570	3.20	520	27.	
17 11 75 1015			.3		0.025	0.007	0.03	0.62	0.009	1.000	3.00	640	41.	
15 12 75 1025			.3		0.069	0.007	0.04	0.64	0.010	1.200	17.00	550	24.	
MAXIMUM					0.100	0.020	0.13	1.20	0.021	1.800	17.00	725	58.	
AVG OR GEOM MN (*)					0.037	0.007	0.04 D	0.62	0.012	0.961	4.18	574	33.	
MINIMUM					0.008	0.003	0.01	0.42	0.007	0.110	0.55	470	11.	
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
13 01 75 0905			.3			420.	30.	390						
10 02 75 0910			.3			480.	4.	476						
10 03 75 1000			.3			370.	4.	366						
14 04 75 0935			.3			300.	4.	296						
23 06 75 0905			.3			370.	8.	362						
15 07 75 1045			.3			362.	14.	348						
13 08 75			.3			431.	30.	401						
15 09 75 1020			.3			419.	2.	417						
20 10 75 1020			.3			346.	4.	342						
17 11 75 1015			.3			427.	8.	419						
15 12 75 1025			.3		40.	383.	42.	341						
MAXIMUM					40.	480.	42.	476						
AVG OR GEOM MN (*)					40.	391.	13.	378						
MINIMUM					40.	300.	2.	296						
NO OF SAMPLES					1	11	11	11						

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SAMPLE INFORMATION SYSTEM        STATION SUMMARY REPORT - RIVER BASINS                          DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: GRAND RIVER                                             PLUARG                  STATION ID:  16-0184-035-83
 SAMPLE POINT: BRIDGE AT DUNNVILLE  GR-15
 STATION TYPE: RIVER COMPOSITE                         MAJOR BASIN: GREAT LAKES                          STORET CODE: 02
                                                       MINOR BASIN: LAKE ERIE                                         003
                                                       TERM STREAM: GRAND RIVER                                       0150

STN NO     35       LAT               LONG             U.T.M. 17 0612660.0 4750440.0 4      REGION 02            MILEAGE     4.80

                                           934        901        444         80         81         84         88        805          3          1
SAMP DTE HOUR  STN  STN SAMP  PJ        SAMPLE        SCD   FLOW CFS      TOTAL      FECAL       M.F.     PSEUD.      WATER      DISS.      5-DAY
DY MO YR LMT   DIST BRG DEPTH               NO                         COLIFORM   COLIFORM     ENTER.        MPA      TEMP.         O2        BOD
               FEET      MTRS                                          MF/100ML   MF/100ML   MF/100ML   MF/100ML     DEG C       MG/L       MG/L

13 01 75 1110              .3            18204                             900.        80.      120.                    0.0        6.2        1.6
10 02 75 1125              .3            18240        4                    100.        10.  L    10.  L                 0.0       13.6        1.4
10 03 75 1115              .3            18276                              10.  L     10.  L    10.  L                 0.0       11.0        1.4
14 04 75 1130              .3            18325                              60.        10.  L    10.  L                 6.0        9.8        1.4
17 06 75 1130              .3            18348                             230.        30.       10.  L                24.0       10.0        2.4
15 07 75 1105              .3            18411                              20.         1.        4.                   24.0        8.2        2.8
11 08 75 1115              .3            18421                              50.        10.  L    10.                   24.0        7.5        3.0
15 09 75 1145              .3            18457                             300.        20.       10.                   16.0        9.8        2.2
27 10 75 1150              .3            18519                             300.        10.      100.  L                13.0        8.4        1.6
17 11 75 1150              .3            18555                             110.        20.       10.  L                 9.0       10.8        1.0
15 12 75 1150              .3            18565                             230.        68.       48.                    7.0        9.6        1.6


                         MAXIMUM                                           900.        80.      120.                   24.0       13.6        3.0
                AVG OR GEOM MN (*)                                         110.* D     15.* D    16.* D                11.2        9.5        1.9
                         MINIMUM                                            10.         1.        4.                    0.0        6.2        1.0

                   NO OF SAMPLES                                             11         11         11                    11         11         11
                                            33         34         19         20         21         22         16         14         56         55
SAMP DTE HOUR  STN  STN SAMP  PJ         TOTAL   FILTERED   FILTERED      TOTAL    NITRITE    NITRATE      TURB.      COND.   CHLORIDE         PH
DY MO YR LMT   DIST BRG DEPTH                P   REACTIVE    AMMONIA   KJELDAHL      NO2-N      NO3-N   FORMAZIN        25C       MG/L     AT LAB
               FEET      MTRS             MG/L     P MG/L       MG/L       MG/L       MG/L       MG/L      UNITS      UMHOS

13 01 75 1110              .3            0.070      0.029       0.24       0.96      0.033      3.000       4.50        790        65.        8.2
10 02 75 1125              .3            0.073      0.042       0.43       0.92      0.018      2.000      21.00        625        38.        8.0
10 03 75 1115              .3            0.090      0.047       0.44       0.98      0.028      2.600       8.90        560        32.        8.0
14 04 75 1130              .3            0.066      0.020       0.24       0.76      0.030      2.000      18.00        555        28.        8.2
17 06 75 1130              .3            0.054      0.008       0.20       1.10      0.042      1.500      33.00        620        33.        7.9
15 07 75 1105              .3            0.220      0.078       0.27       1.40      0.180      0.590      38.00        660        43.        7.4
11 08 75 1115              .3            0.160      0.030       0.17       1.10      0.120      0.230      24.00        520        49.        8.3
15 09 75 1145              .3            0.092      0.005       0.05       0.84      0.015      1.200       8.60        650        37.        8.4
27 10 75 1150              .3            0.100      0.017       0.09       0.82      0.031      1.400      38.00        690        35.        7.8
17 11 75 1150              .3            0.110      0.038       0.11       0.84      0.047      2.100      34.00        640        31.        7.9
15 12 75 1150              .3            0.110      0.044       0.35       1.00      0.024      2.700      30.00        660        34.        8.3


                         MAXIMUM         0.220      0.078       0.44       1.40      0.180      3.000      38.00        790        65.        8.4
                AVG OR GEOM MN (*)       0.104      0.033       0.24       0.98      0.052      1.756      23.46        634        38.        8.0
                         MINIMUM         0.054      0.005       0.05       0.76      0.015      0.230       4.50        520        28.        7.4

                   NO OF SAMPLES            11         11         11         11         11         11         11         11         11         11

                                           934         95         52         50         76         61         68         25         60        280
SAMP DTE HOUR  STN  STN SAMP  PJ        SAMPLE    ACIDITY    TOT ALK   HARDNESS     CALCUL      TOTAL     COLOUR    PHENOLS              REACTIVE
DY MO YR LMT   DIST BRG DEPTH               NO       MG/L     AT LAB      CACO3   HARDNESS       IRON      HAZEN               FLUORIDE   SILICATE
               FEET      MTRS                                   MG/L       MG/L       MG/L       MG/L      UNITS       UG/L       MG/L    SI MG/L

13 01 75 1110              .3            18204         5.        178        328                  2.40         70
10 02 75 1125              .3            18240         3.        167        280                  0.50         20
10 03 75 1115              .3            18276         2.        158        264                  0.55         30
14 04 75 1130              .3            18325         1.        178        270                  1.10         15
17 06 75 1130              .3            18348         3.        174        312                  2.40         30
15 07 75 1105              .3            18411         5.        140        290                  1.70         30
11 08 75 1115              .3            18421         0.        132                   253.        0.95         30
15 09 75 1145              .3            18457         0.        186                   307.        0.35         20
27 10 75 1150              .3            18519         6.        204                   324.        1.80         40
17 11 75 1150              .3            18555         6.        212                   303.        1.60         30
15 12 75 1150              .3            18565         0.        207                   315.        1.40         30


                         MAXIMUM                       6.        212        328        324.        2.40         70
                AVG OR GEOM MN (*)                     2.        176        291        300.        1.34         31
                         MINIMUM                       0.        132        264        253.        0.35         15

                   NO OF SAMPLES                       11         11          6          5         11         11
                                            59          5          6          7        107         67         66         45         47         41
SAMP DTE HOUR  STN  STN SAMP  PJ      SULPHATE      TOTAL      SUSP.      DISS.      DISS.    PTSSIUM     SODIUM      TOT C    ORGANIC        COD
DY MO YR LMT   DIST BRG DEPTH                      SOLIDS     SOLIDS     SOLIDS     SOLIDS          K         NA       AS C     C AS C
               FEET      MTRS             MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L

13 01 75 1110              .3                        640.        90.        550
10 02 75 1125              .3                        430.        10.        420
10 03 75 1115              .3                        410.        10.        400
14 04 75 1130              .3                        380.        24.        356
17 06 75 1130              .3                        542.        55.        487
15 07 75 1105              .3                        548.        62.        486
11 08 75 1115              .3                        365.        48.        317
15 09 75 1145              .3                        525.        51.        474
27 10 75 1150              .3                        516.        46.        470
17 11 75 1150              .3                        476.        28.        448
15 12 75 1150              .3              83.       465.        30.        435


                         MAXIMUM           83.       640.        90.        550
                AVG OR GEOM MN (*)         83.       481.        41.        440
                         MINIMUM           83.       365.        10.        317

                   NO OF SAMPLES             1         11         11         11
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SAMPLE INFORMATION SYSTEM       STATION SUMMARY REPORT - RIVER BASINS                         DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: SPEED RIVER                                                                       STATION ID:  16-0184-036-02
 SAMPLE POINT: PUSLINCH LAKE RD 4M S-W GUELPH
 STATION TYPE: RIVER                                    MAJOR BASIN: GREAT LAKES                         STORET CODE: 02
                                                        MINOR BASIN: LAKE ERIE                                        003
                                                        TERM STREAM: GRAND RIVER                                      0150

STN NO    36      LAT               LONG                 U.T.M. 17 0558000.0 4814600.0 4     REGION 02             MILEAGE  102.20

                                      934      901       444        80        81        84        88      805          3          1
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE       SCD  FLOW CFS     TOTAL     FECAL      M.F.    PSEUD.     WATER     DISS.     5-DAY
DY MO YR LMT   DIST BRG DEPTH           NO                      COLIFORM  COLIFORM    ENTER.        MPA    TEMP.        02       BOD
               FEET      MTRS                                   MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L

13 01 75 0850               .3       18223    4        228.       680.       70.       50.                 1.0       2.0        10.0
10 02 75 0850               .3       18259    4         78.0      140.       10.  L    10.                 0.0       2.4         8.0
10 03 75 0910               .3       18295             130.        30.       10.  L    10.  L              0.0      12.8         4.4
14 04 75 0910               .3       18331             388.        40.       10.  L    20.                 2.0      11.4         1.6
23 06 75 0845               .3       18367             135.        40.       60.       20.                24.0       4.2         3.4
15 07 75 1010               .3       18393              51.8     7500.       10.       10.  L             20.0       3.0         8.0
13 08 75                    .3       18440              35.5      200.      200.       50.                                       3.4
15 09 75 1000               .3       18476              63.1      500.      220.       60.                12.0       4.6         1.4
20 10 75 1005               .3       18489             110.      2200.      130.      120.                10.0       4.8        10.0
17 11 75 1000               .3       18538             101.     10900.      390.       20.                 5.0       7.8         6.5
15 12 75 1000               .3       18584             270.      1180.      180.      820.                 6.0       5.6         4.2


                       MAXIMUM                         388.     10900.      390.      820.                24.0      12.8        10.0
            AVG OR GEOM MN (*)                         144.6      432.*      56.* D    36.* D              8.0       5.9         5.5
                       MINIMUM                          35.5       30.       10.       10.                 0.0       2.0         1.4

                NO OF SAMPLES                              11        11        11        11                  10        10        11


                                       33        34        19        20        21        22        16        14        56        55
SAMP DTE HOUR  STN  STN SAMP  PJ      TOTAL  FILTERED  FILTERED     TOTAL   NITRITE   NITRATE     TURB.     COND.  CHLORIDE        PH
DY MO YR LMT   DIST BRG DEPTH             P  REACTIVE   AMMONIA  KJELDAHL     NO2-N     NO3-N  FORMAZIN       25C      MG/L    AT LAB
               FEET      MTRS          MG/L    P MG/L      MG/L      MG/L      MG/L      MG/L     UNITS     UMHOS

13 01 75 0850               .3        0.460     0.038      0.80      2.20     0.160     2.000     21.00       620       35.
10 02 75 0850               .3        0.150     0.055      0.05      3.90     0.071     1.800      4.60       820       67.
10 03 75 0910               .3        0.086     0.027      1.70      2.80     0.048     1.500      3.60       680       56.
14 04 75 0910               .3        0.028     0.004      0.38      0.84     0.015     1.300      3.40       480       23.
23 06 75 0845               .3        0.110     0.066      0.01 L    1.40     0.160     2.300      3.70       580       34.
15 07 75 1010               .3        0.360     0.120      0.01 L    1.70     0.180     3.000      8.00       720       75.
13 08 75                    .3        0.180     0.100      0.01 L    0.70     0.340     2.400      7.80       840       80.
15 09 75 1000               .3        0.063     0.031      0.70      1.30     0.510     2.900      0.65       725       59.
20 10 75 1005               .3        0.130     0.085      1.80      3.30     0.620     1.900      3.00       700       46.
17 11 75 1000               .3        0.120     0.082      0.03      1.90     0.050     3.600      2.00       670       41.
15 12 75 1000               .3        0.190     0.041      0.47      1.30     0.087     1.400     20.00       620       44.


                       MAXIMUM        0.460     0.120      1.80      3.90     0.620     3.600     21.00       840       80.
            AVG OR GEOM MN (*)        0.171     0.059      0.54 D    1.94     0.204     2.191      7.07       678       50.
                       MINIMUM        0.028     0.004      0.01      0.70     0.015     1.300      0.65       480       23.

                NO OF SAMPLES            11        11        11        11        11        11        11        11        11


                                        59         5         6         7      107        67        66        45        47         41
SAMP DTE HOUR  STN  STN SAMP  PJ    SULPHATE    TOTAL     SUSP.     DISS.    DISS.   PTSSIUM    SODIUM     TOT C    ORGANIC      COD
DY MO YR LMT   DIST BRG DEPTH                  SOLIDS    SOLIDS    SOLIDS    SOLIDS         K        NA      AS C   C AS C
               FEET      MTRS           MG/L       MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L       MG/L

13 01 75 0850               .3                   600.      100.      500
10 02 75 0850               .3                   530.       17.      513
10 03 75 0910               .3                   410.        9.      401
14 04 75 0910               .3                   320.        5.      315
23 06 75 0845               .3                   406.       15.      391
15 07 75 1010               .3                   490.        5.      485
13 08 75                    .3                   566.       25.      541
15 09 75 1000               .3                   459.        5.      454
20 10 75 1005               .3                   438.        8.      430
17 11 75 1000               .3                   435.        3.      432
15 12 75 1000               .3          44.      423.       56.      367


                       MAXIMUM          44.      600.      100.      541
            AVG OR GEOM MN (*)          44.      461.       22.      439
                       MINIMUM          44.      320.        3.      315

                NO OF SAMPLES             1        11        11        11
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SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

B.O.W./ SITE: GRAND RIVER   PLUARG   STATION ID: 16-0184-037-02
SAMPLE POINT: 1ST CONC ROAD DOWNSTREAM BELLWOOD LAKE OUTLET GR-13
STATION TYPE: RIVER
MAJOR BASIN: GREAT LAKES   STORET CODE: 02
MINOR BASIN: LAKE ERIE   003
TERM STREAM: GRAND RIVER   0150

STN NO 37   LAT   LONG   U.T.M. 17 0552825.0 4841325.0 4   REGION 02   MILEAGE 138.30

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
13 01 75 1035			.3		18228	4	140.	2500.	250.	490.		1.0	2.0	2.8
10 02 75 1055			.3		18264	4	126.	170.	10.	10.		0.0	2.2	1.2
10 03 75 1230			.3		18300		298.	30.	10. L	10. L		0.0	5.8	0.6
14 04 75 1150			.3		18336		472.	40.	30.	30.		2.0	13.4	1.6
23 06 75 1125			.3		18372		156.	1200.	80.	10.		13.0	10.4	1.6
15 07 75 1340			.3		18398		206.	140.	10.	10.		19.0	7.6	0.4
13 08 75			.3		18445		193.	240.	110.	150.				1.0
15 09 75 1245			.3		18481		168.	500.	580.	130.		15.0	7.2	1.6
20 10 75 1240			.3		18494		140.	100.	30.	50.		10.0	10.2	3.2
17 11 75 1215			.3		18543		126.	20.	10.	10. L		7.0	11.0	1.0
15 12 75 1300			.3		18589		347.	270.	100.	30.		1.0	9.8	2.2
MAXIMUM							472.	2500.	580.	490.		19.0	13.4	3.2
AVG OR GEOM MN (*)							216.	178.*	44.* D	33.* D		6.8	8.0	1.6
MINIMUM							126.	20.	10.	10.		0.0	2.0	0.4
NO OF SAMPLES							11	11	11	11		10	10	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
13 01 75 1035			.3		0.100	0.026	0.50	1.90	0.025	0.090	20.00	510	15.	
10 02 75 1055			.3		0.032	0.005	0.13	0.89	0.008	0.970	9.20	495	10.	
10 03 75 1230			.3		0.034	0.002	0.08	0.86	0.010	1.000	3.50	430	14.	
14 04 75 1150			.3		0.042	0.001L	0.06	0.76	0.010	1.000	7.40	400	11.	
23 06 75 1125			.3		0.030	0.003	0.13	0.71	0.054	0.640	6.20	295	5.	
15 07 75 1340			.3		0.052	0.006	0.01 L	0.56	0.004	0.560	15.00	315	5.	
13 08 75			.3		0.044	0.005	0.01 L	0.58	0.003	0.310	4.70	310	6.	
15 09 75 1245			.3		0.046	0.002	0.09	0.82	0.006	0.030	1.40	325	6.	
20 10 75 1240			.3		0.057	0.003	0.03	0.96	0.007	0.040	8.00	350	8.	
17 11 75 1215			.3		0.047	0.003	0.11	0.95	0.011	0.150	7.30	415	10.	
15 12 75 1300			.3		0.035	0.002	0.12	0.98	0.012	0.920	11.00	500	13.	
MAXIMUM					0.100	0.026	0.50	1.90	0.054	1.000	20.00	510	15.	
AVG OR GEOM MN (*)					0.047	0.005D	0.12 D	0.91	0.014	0.519	8.52	395	9.	
MINIMUM					0.030	0.001	0.01	0.56	0.003	0.030	1.40	295	5.	
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
13 01 75 1035			.3			450.	85.	365						
10 02 75 1055			.3			340.	14.	326						
10 03 75 1230			.3			280.	7.	273						
14 04 75 1150			.3			260.	13.	247						
23 06 75 1125			.3			192.	9.	183						
15 07 75 1340			.3			220.	15.		205					
13 08 75			.3			207.	5.		202					
15 09 75 1245			.3			211.	14.	197						
20 10 75 1240			.3			239.	11.		228					
17 11 75 1215			.3			273.	12.	261						
15 12 75 1300			.3		37.	345.	10.	335						
MAXIMUM					37.	450.	85.	365	228					
AVG OR GEOM MN (*)					37.	265.	18.	273	212					
MINIMUM					37.	192.	5.	183	202					
NO OF SAMPLES					1	11	11	8	3					

SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

B.O.W./ SITE: ALDER CREEK   STATION ID: 16-0184-038-02
SAMPLE POINT: FIRST CONC S OF NEW DUNDEE
STATION TYPE: RIVER   MAJOR BASIN: GREAT LAKES   STORET CODE: 02
MINOR BASIN: LAKE ERIE   003
TERM STREAM: GRAND RIVER   0150

STN NO 38   LAT   LONG   U.T.M. 17 0537950.0 4798800.0 4   REGION 01   MILEAGE 111.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
13 01 75 1230			.3		18219		5.8	3900.	200.	1500. G		1.0	8.0	4.2
10 02 75 1245			.3		18255		1.9	620.	100.	100. L		0.0	10.0	2.6
10 03 75 1250			.3		18291		3.6	260.	10.	10. L		4.0	10.2	1.0
14 04 75 1235			.3		18317	3	16.9	720.	30.	30.		7.0	13.4	1.8
16 06 75 1302			.3		18363		5.1	1050.	120.	100.		22.3	9.2	2.6
14 07 75 1210			.3		18389		7.1					21.0	8.4	4.0
12 08 75 1150			.3		18436		1.5	1460.	1030.	270.		21.0	8.8	2.0
15 09 75 1230			.3		18472		2.4	1900.	600.	100.		15.0	12.2	3.4
20 10 75 1220			.3		18511		5.5	1300.	90.	40.		10.0	10.0	3.2
17 11 75 1255			.3		18534		2.6	200.	30.	10. L		9.5	9.8	1.2
15 12 75 1300			.3		18580		34.2	2900.	540.	860.		3.0	9.2	2.8
MAXIMUM							34.2	3900.	1030.	1500.		22.3	13.4	4.2
AVG OR GEOM MN (*)							7.9	999.*	121.*	92.* E		10.3	9.9	2.6
MINIMUM							1.5	200.	10.	10.		0.0	8.0	1.0
NO OF SAMPLES							11	10	10	10		11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
13 01 75 1230			.3		0.220	0.075	0.33	1.10	0.040	4.700	12.00	570	25.	
10 02 75 1245			.3		0.360	0.360	0.31	1.10	0.081	6.400	3.60	690	24.	
10 03 75 1250			.3		0.480	0.380	0.20	0.90	0.034	5.500	2.40	660	27.	
14 04 75 1235			.3		0.150	0.100	0.11	0.64	0.044	4.500	5.50	530	24.	
16 06 75 1302			.3		0.160	0.086	0.04	0.92	0.100	1.600	2.80	520	23.	
14 07 75 1210			.3		0.270	0.080	0.02	1.20	0.160	1.000	2.00	600	21.	
12 08 75 1150			.3		0.095	0.080	0.22	0.72	0.210	1.600	1.00	570	20.	
15 09 75 1230			.3		0.098	0.008	0.01 L	0.80	0.039	2.200	3.00	650	24.	
20 10 75 1220			.3		0.110	0.020	0.03	0.72	0.061	2.800	3.50	680	23.	
17 11 75 1255			.3		0.170	0.092	0.07	0.62	0.042	4.000	3.50	730	24.	
15 12 75 1300			.3		0.280	0.110	0.19	0.78	0.041	5.700	15.00	630	28.	
MAXIMUM					0.480	0.380	0.33	1.20	0.210	6.400	15.00	730	28.	
AVG OR GEOM MN (*)					0.218	0.126	0.14 D	0.86	0.077	3.636	4.94	621	23.	
MINIMUM					0.095	0.008	0.01	0.62	0.034	1.000	1.00	520	20.	
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
13 01 75 1230			.3			480.	15. L	465						
10 02 75 1245			.3			460.	7.	453						
10 03 75 1250			.3			470.	8.	462						
14 04 75 1235			.3			350.	18.	332						
16 06 75 1302			.3			360.	10.	350						
14 07 75 1210			.3			472.	36.	436						
12 08 75 1150			.3			408.	7.	401						
15 09 75 1230			.3			462.	11.	451						
20 10 75 1220			.3			490.	10.	480						
17 11 75 1255			.3			518.	8.	510						
15 12 75 1300			.3			459.	44.	415						
MAXIMUM						518.	44.	510						
AVG OR GEOM MN (*)						448.	15. D	432						
MINIMUM						350.	7.	332						
NO OF SAMPLES						11	11	11						

SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

B.O.W./ SITE: GRAND RIVER   STATION ID: 16-0184-039-02
SAMPLE POINT: AT EAST LUTHER AND AMARANTH TWP LINE
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES   STORET CODE: 02
MINOR BASIN: LAKE ERIE   003
TERM STREAM: GRAND RIVER   0150

STN NO 39   LAT   LONG   U.T.M. 17 0556200.0 4860150.0 4   REGION 02   MILEAGE 154.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
13 01 75 1130			.3		18230			4100.	200.	120.		1.0	2.0	6.5
10 03 75 1410			.3		18302				10. L	10. L		0.0	12.4	2.0
14 04 75 1325			.3		18338			160.	110.	150.				1.2
23 06 75 1255			.3		18374			100.	40.	10. L		28.0	17.6	1.4
15 07 75 1450			.3		18400			50.	20.	60.		24.0	12.6	3.2
13 08 75			.3		18447			500.	70.	30.				1.8
15 09 75 1430			.3		18483			80.	30.	10. L		15.0	12.4	1.8
20 10 75 1400			.3		18496			950.	370.	390.		9.0	10.2	2.4
17 11 75 1315			.3		18545			120.	10.	10. L		7.0	13.6	1.0
15 12 75 1405			.3		18591			10200.	1400.	1500. G		3.5	9.4	2.4
MAXIMUM								10200.	1400.	1500.		28.0	17.6	6.5
AVG OR GEOM MN (*)								377.*	67.* D	53.* E		10.9	11.3	2.4
MINIMUM								50.	10.	10.		0.0	2.0	1.0
NO OF SAMPLES								9	10	10		8	8	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
13 01 75 1130			.3		0.420	0.015	0.03	2.20	0.019	0.980	49.00	400	12.	
10 03 75 1410			.3		0.055	0.001	0.05	1.40	0.010	0.770	5.90	560	17.	
14 04 75 1325			.3		0.050	0.013	0.07	0.76	0.010	0.950	7.40	420	13.	
23 06 75 1255			.3		0.027	0.001	0.03	0.81	0.003	0.010L	3.50	350	15.	
15 07 75 1450			.3		0.057	0.004	0.10	0.96	0.003	0.010L	3.00	230	4.	
13 08 75			.3		0.065	0.002	0.09	0.98	0.001	0.010	3.90	220	3.	
15 09 75 1430			.3		0.030	0.002	0.02	0.88	0.003	0.010L	0.95	385	20.	
20 10 75 1400			.3		0.022	0.002	0.01	0.82	0.006	0.190	3.80	435	15.	
17 11 75 1315			.3		0.016	0.002	0.02	0.90	0.007	0.160	1.50	520	15.	
15 12 75 1405			.3		0.250	0.034	0.04	1.50	0.017	1.900	70.00	345	7.	
MAXIMUM					0.420	0.034	0.10	2.20	0.019	1.900	70.00	560	20.	
AVG OR GEOM MN (*)					0.099	0.008	0.05	1.12	0.008	0.499D	14.90	387	12.	
MINIMUM					0.016	0.001	0.01	0.76	0.001	0.010	0.95	220	3.	
NO OF SAMPLES					10	10	10	10	10	10	10	10	10	

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
13 01 75 1130			.3			490.	230.		260					
10 03 75 1410			.3			390.	2.	388						
14 04 75 1325			.3			290.	16.	274						
23 06 75 1255			.3			228.	8.	220						
15 07 75 1450			.3			156.	6.		150					
13 08 75			.3			184.	41.		143					
15 09 75 1430			.3			250.	4.	246						
20 10 75 1400			.3			320.	4.	316						
17 11 75 1315			.3			362.	2.	360						
15 12 75 1405			.3		27.	340.	116.		224					
MAXIMUM					27.	490.	230.	388	260					
AVG OR GEOM MN (*)					27.	301.	42.	301	194					
MINIMUM					27.	156.	2.	220	143					
NO OF SAMPLES					1	10	10	6	4					

SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: ERAMOSA RIVER STATION ID: 16-0184-040-02
SAMPLE POINT: THIRD CONC ERAMOSA TWP
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

STN NO 40 LAT LONG U.T.M. 17 0568400.0 4828300.0 4 REGION 02 MILEAGE 117.70

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
13 01 75 0920			.3		18225	4	120.	380.	10.	220.		1.0	3.0	1.0
10 02 75 0930			.3		18261	4	38.0	10. L	10. L	10. L		0.0	2.0	0.8
10 03 75 1025			.3		18297		70.0	10.	10. L	10.		0.0	13.2	0.4
14 04 75 1000			.3		18333		158.	10. L	10. L	10. L		1.5	12.6	1.2
23 06 75 0940			.3		18369		53.4	180.	40.	30.		24.0	8.0	0.2
15 07 75 1115			.3		18395		24.7	300.	80.	52.		23.0	7.4	1.2
13 08 75			.3		18442		20.3	9800.	2100.	1500. G				1.4
15 09 75 1045			.3		18478		33.9	80.	30.	10. L		14.0	9.2	0.6
20 10 75 1040			.3		18491		43.1	80.	30.	30.		8.5	10.4	1.2
17 11 75 1035			.3		18540		48.3	20.	10. L	10.		5.0	10.6	0.2
15 12 75 1045			.3		18586		120.	224.	16.	48.		2.0	9.0	1.4
MAXIMUM							158.	9800.	2100.	1500.		24.0	13.2	1.4
AVG OR GEOM MN (*)							66.3	95.* D	28.* D	34.* E		7.9	8.5	0.9
MINIMUM							20.3	10.	10.	10.		0.0	2.0	0.2
NO OF SAMPLES							11	11	11	11		10	10	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
13 01 75 0920			.3		0.068	0.005	0.02	0.77	0.009	0.800	7.50	515	15.	
10 02 75 0930			.3		0.007	0.004	0.01	0.31	0.007	1.500	3.90	580	13.	
10 03 75 1025			.3		0.011	0.005	0.01	0.39	0.005	1.000	1.80	500	15.	
14 04 75 1000			.3		0.014	0.002	0.01	0.34	0.004	0.740	1.50	445	14.	
23 06 75 0940			.3		0.022	0.008	0.01	0.65	0.006	0.370	1.40	460	9.	
15 07 75 1115			.3		0.040	0.015	0.01 L	0.68	0.010	0.990	1.70	470	10.	
13 08 75			.3		0.063	0.013	0.06	0.66	0.042	0.280	2.10	445	9.	
15 09 75 1045			.3		0.015	0.002	0.03	0.48	0.005	0.070	0.95	470	12.	
20 10 75 1040			.3		0.020	0.007	0.03	0.45	0.006	0.150	1.60	520	12.	
17 11 75 1035			.3		0.005	0.002	0.01	0.44	0.003	0.380	0.95	500	13.	
15 12 75 1045			.3		0.010	0.001	0.01	0.39	0.004	0.840	2.00	500	12.	
MAXIMUM					0.068	0.015	0.06	0.77	0.042	1.500	7.50	580	15.	
AVG OR GEOM MN (*)					0.025	0.006	0.02 D	0.51	0.009	0.647	2.31	491	12.	
MINIMUM					0.005	0.001	0.01	0.31	0.003	0.070	0.95	445	9.	
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
13 01 75 0920			.3			460.	40.	420						
10 02 75 0930			.3			390.	4.	386						
10 03 75 1025			.3			300.	3.	297						
14 04 75 1000			.3			280.	2.	278						
23 06 75 0940			.3			314.	6.	308						
15 07 75 1115			.3			326.	11.	315						
13 08 75			.3			308.	50.	258						
15 09 75 1045			.3			330.	3.	327						
20 10 75 1040			.3			340.	2.	338						
17 11 75 1035			.3			330.	1.	329						
15 12 75 1045			.3		38.	311.	6.	305						
MAXIMUM					38.	460.	50.	420						
AVG OR GEOM MN (*)					38.	335.	11.	324						
MINIMUM					38.	280.	1.	258						
NO OF SAMPLES					1	11	11	11						

SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: GRAND RIVER
SAMPLE POINT: OLD HIGHWAY NO 8 FREEPORT
STATION TYPE: RIVER

STATION ID: 16-0184-041-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

STN NO 41 LAT LONG U.T.M. 17 0547700.0 4807600.0 4 REGION 02 MILEAGE 101.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
13 01 75 0920			.3		18211			1840.	580.	940.		0.0	8.0	2.8
10 02 75 0925			.3		18247			400.	10. L	10. L		0.0	9.6	1.0
10 03 75 0930			.3		18283			140.	50.	10. L		0.0	10.4	1.2
14 04 75 0935			.3		18309	3		90.	10.	20.		2.0	8.4	1.2
16 06 75 0935			.3		18355			590.	130.	30.		18.8	7.2	1.8
14 07 75 0850			.3		18381							20.0	6.0	2.4
12 08 75 0915			.3		18428			330.	90.	20.		21.0	6.7	0.6
15 09 75 0920			.3		18464			400.	20.	10. L		12.0	7.8	1.4
20 10 75 0935			.3		18503			1000.	440.	190.		8.5	7.4	1.2
17 11 75 0945			.3		18526			400.	30.	10.		6.0	10.4	0.8
15 12 75 0950			.3		18572			5400.	1700.	1500. G		6.0	8.8	3.0
MAXIMUM								5400.	1700.	1500.		21.0	10.4	3.0
AVG OR GEOM MN (*)								524.*	83.* D	45.* E		8.6	8.2	1.6
MINIMUM								90.	10.	10.		0.0	6.0	0.6
NO OF SAMPLES								10	10	10		11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
13 01 75 0920			.3		0.170	0.072	0.34	1.50	0.055	6.700	24.00	550	30.	
10 02 75 0925			.3		0.067	0.038	0.23	0.85	0.023	3.800	5.30	650	33.	
10 03 75 0930			.3		0.080	0.049	0.31	0.82	0.046	3.200	4.30	550	31.	
14 04 75 0935			.3		0.100	0.044	0.13	0.66	0.022	2.000	16.00	450	17.	
16 06 75 0935			.3		0.068	0.004	0.03	0.76	0.035	1.300	7.00	660	21.	
14 07 75 0850			.3		0.110	0.010	0.01 L	0.74	0.019	1.000	15.00	390	19.	
12 08 75 0915			.3		0.100	0.005	0.01 L	0.76	0.006	0.490	4.00	400	20.	
15 09 75 0920			.3		0.038	0.007	0.02	1.00	0.015	0.950	0.85	460	22.	
20 10 75 0935			.3		0.039	0.006	0.04	0.67	0.024	1.300	2.00	520	22.	
17 11 75 0945			.3		0.040	0.012	0.03	0.73	0.034	2.000	4.00	580	24.	
15 12 75 0950			.3		0.190	0.036	0.21	1.80	0.044	2.800	38.00	580	24.	
MAXIMUM					0.190	0.072	0.34	1.80	0.055	6.700	38.00	660	33.	
AVG OR GEOM MN (*)					0.091	0.026	0.12 D	0.94	0.029	2.322	10.95	526	23.	
MINIMUM					0.038	0.004	0.01	0.66	0.006	0.490	0.85	390	17.	
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
13 01 75 0920			.3			500.	50.	450						
10 02 75 0925			.3			440.	7.	433						
10 03 75 0930			.3			405.	6.	399						
14 04 75 0935			.3			310.	23.	287						
16 06 75 0935			.3			266.	38.	228						
14 07 75 0850			.3			338.	84.		254					
12 08 75 0915			.3			309.	49.		260					
15 09 75 0920			.3			324.	6.	318						
20 10 75 0935			.3			372.	7.	365						
17 11 75 0945			.3			392.	5.	387						
15 12 75 0950			.3		44.	437.	70.	367						
MAXIMUM					44.	500.	84.	450	260					
AVG OR GEOM MN (*)					44.	372.	31.	359	257					
MINIMUM					44.	266.	5.	228	254					
NO OF SAMPLES					1	11	11	9	2					

SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

STATION ID: 16-0184-042-02

B.O.W./ SITE: GRAND RIVER
SAMPLE POINT: PILKINGTON WOOLWICH TWP LINE
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

STN NO 42   LAT   LONG   U.T.M. 17 0542200.0 4830800.0 4   REGION 02   MILEAGE 127.60

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
13 01 75 1005			.3		18227	4		14000.	130.	270.		1.0	2.0	11.0
10 02 75 1020			.3		18263	4		720.	10.	10. L		0.0	2.4	1.2
10 03 75 1120			.3		18299			40.	10. L	10. L		0.0	9.4	0.6
14 04 75 1045			.3		18335			190.	40.	80.		1.5	13.4	1.2
23 06 75 1050			.3		18371			600.	20.	20.		22.0	10.0	1.8
15 07 75 1235			.3		18397			470.	70.	90.		20.0	10.8	1.6
13 08 75			.3		18444			460.	460.	280.				0.8
15 09 75 1225			.3		18480			240.	160.	10. L		14.0	9.8	1.8
20 10 75 1215			.3		18493			560.	170.	110.		9.5	9.2	2.2
17 11 75 1150			.3		18542			1300.	60.	10. L		6.0	11.8	0.8
15 12 75 1230			.3		18588			26200.	120.	1500. G		3.5	9.0	4.0
MAXIMUM								26200.	460.	1500.		22.0	13.4	11.0
AVG OR GEOM MN (*)								755.*	63.* D	56.* E		7.8	8.8	2.5
MINIMUM								40.	10.	10.		0.0	2.0	0.6
NO OF SAMPLES								11	11	11		10	10	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
13 01 75 1005			.3		1.400	0.015	0.08	7.90	0.064	3.600	140.00	530	21.	
10 02 75 1020			.3		0.029	0.010	0.05	0.73	0.009	1.500	4.40	510	13.	
10 03 75 1120			.3		0.038	0.014	0.05	0.72	0.012	1.500	3.60	455	16.	
14 04 75 1045			.3		0.048	0.009	0.05	0.60	0.012	1.800	7.50	410	12.	
23 06 75 1050			.3		0.044	0.005	0.02	0.68	0.028	1.500	3.70	370	9.	
15 07 75 1235			.3		0.046	0.012	0.01	0.64	0.040	0.610	2.00	335	8.	
13 08 75			.3		0.047	0.008	0.01 L	0.59	0.031	0.430	3.50	340	8.	
15 09 75 1225			.3		0.027	0.002	0.03	0.70	0.005	0.490	1.20	380	11.	
20 10 75 1215			.3		0.027	0.003	0.01	0.66	0.014	0.430	4.60	400	11.	
17 11 75 1150			.3		0.035	0.003	0.01	0.75	0.014	0.910	3.50	470	14.	
15 12 75 1230			.3		0.260	0.020	0.09	1.40	0.032	2.800	16.00	520	15.	
MAXIMUM					1.400	0.020	0.09	7.90	0.064	3.600	140.00	530	21.	
AVG OR GEOM MN (*)					0.182	0.009	0.04 D	1.40	0.024	1.415	17.27	429	12.	
MINIMUM					0.027	0.002	0.01	0.59	0.005	0.430	1.20	335	8.	
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
13 01 75 1005			.3			1400.	680.	720						
10 02 75 1020			.3			340.	7.	333						
10 03 75 1120			.3			310.	5.	305						
14 04 75 1045			.3			280.	9.	271						
23 06 75 1050			.3			241.	12.	229						
15 07 75 1235			.3			228.	10.		218					
13 08 75			.3			233.	12.		221					
15 09 75 1225			.3			247.	7.	240						
20 10 75 1215			.3			266.	6.		260					
17 11 75 1150			.3			300.	6.	294						
15 12 75 1230			.3		36.	449.	109.	340						
MAXIMUM					36.	1400.	680.	720	260					
AVG OR GEOM MN (*)					36.	390.	78.	342	233					
MINIMUM					36.	228.	5.	229	218					
NO OF SAMPLES					1	11	11	8	3					

SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

B.O.W./ SITE: SPEED RIVER   PLUARG   STATION ID: 16-0184-043-02
SAMPLE POINT: AT WOODLAWN ROAD, GUELPH UL-2
STATION TYPE: RIVER   MAJOR BASIN: GREAT LAKES   STORET CODE: 02
MINOR BASIN: LAKE ERIE   003
TERM STREAM: GRAND RIVER   0150

STN NO 43   LAT   LONG   U.T.M. 17 0558890.0 4824130.0 4   REGION 02   MILEAGE 111.90

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
13 01 75 0940			.3		18226	4		950.	60.	230.		1.0	1.8	1.0
10 02 75 0950			.3		18262	4		10. L	10. L	10. L		0.0	2.4	0.8
10 03 75 1050			.3		18298			10.	10. L	10. L		0.0	5.6	0.4
14 04 75 1025			.3		18334			20.	10.	30.		1.5	12.2	1.0
23 06 75 1020			.3		18370			80.	20.	10.		24.5	8.4	1.0
15 07 75 1200			.3		18396			310.	20.	50.		21.0	8.6	0.6
13 08 75			.3		18443			8400.	2900.	1500. G				1.4
15 09 75 1115			.3		18479			170.	100.	40.		12.0	11.0	1.0
20 10 75 1100			.3		18492			38000.	8000.	230.		11.0	7.4	2.2
17 11 75 1055			.3		18541			110.	20.	10. L		5.0	8.4	0.4
15 12 75 1105			.3		18587			150.	100.	110.		2.0	8.6	1.8
MAXIMUM								38000.	8000.	1500.		24.5	12.2	2.2
AVG OR GEOM MN (*)								214.* D	66.* D	50.* E		7.8	7.4	1.1
MINIMUM								10.	10.	10.		0.0	1.8	0.4
NO OF SAMPLES								11	11	11		10	10	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
13 01 75 0940			.3		0.037	0.008	0.05	0.76	0.016	1.900	5.00	530	25.	
10 02 75 0950			.3		0.020	0.002	0.01	0.45	0.009	1.800	4.40	570	16.	
10 03 75 1050			.3		0.014	0.005	0.02	0.49	0.010	1.600	2.90	520	17.	
14 04 75 1025			.3		0.014	0.001L	0.01	0.42	0.007	1.400	3.80	430	15.	
23 06 75 1020			.3		0.026	0.009	0.03	0.72	0.013	0.830	5.10	480	15.	
15 07 75 1200			.3		0.039	0.008	0.01	0.59	0.011	0.490	6.30	445	16.	
13 08 75			.3		0.061	0.003	0.13	0.85	0.016	1.000	18.00	510	30.	
15 09 75 1115			.3		0.017	0.003	0.01	0.52	0.006	0.280	0.90	500	16.	
20 10 75 1100			.3		0.064	0.017	0.01	0.52	0.015	0.380	4.40	540	22.	
17 11 75 1055			.3		0.007	0.001	0.01	0.62	0.007	0.930	1.50	540	16.	
15 12 75 1105			.3		0.034	0.002	0.02	0.55	0.011	1.200	4.50	550	17.	
MAXIMUM					0.064	0.017	0.13	0.85	0.016	1.900	18.00	570	30.	
AVG OR GEOM MN (*)					0.030	0.005D	0.03	0.59	0.011	1.074	5.16	510	18.	
MINIMUM					0.007	0.001	0.01	0.42	0.006	0.280	0.90	430	15.	
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
13 01 75 0940			.3			440.	15. L	425						
10 02 75 0950			.3			390.	14.	376						
10 03 75 1050			.3			330.	2.	328						
14 04 75 1025			.3			280.	4.	276						
23 06 75 1020			.3			336.	11.	325						
15 07 75 1200			.3			306.	18.	288						
13 08 75			.3			386.	53.	333						
15 09 75 1115			.3			327.	3.	324						
20 10 75 1100			.3			365.	5.	360						
17 11 75 1055			.3			355.	2.	353						
15 12 75 1105			.3		40.	379.	38.	341						
MAXIMUM					40.	440.	53.	425						
AVG OR GEOM MN (*)					40.	354.	15. D	339						
MINIMUM					40.	280.	2.	276						
NO OF SAMPLES					1	11	11	11						

SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: FAIRCHILD CREEK
SAMPLE POINT: FIRST CONC DOWNSTREAM FROM ST GEORGE
STATION TYPE: RIVER

STATION ID: 16-0184-044-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

STN NO 44 LAT LONG U.T.M. 17 0561450.0 4786500.0 4 REGION 02 MILEAGE 66.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
13 01 75 0915			.3		18201		134.	2300.	220.	600.		0.0	5.0	0.6
10 02 75 0915			.3		18237	4	37.0	500.	170.	50.		0.0	9.0	0.8
10 03 75 0915			.3		18273		91.0	100.	80.	30.		0.0	9.4	0.4
14 04 75 0915			.3		18322		173.	90.	10. L	30.		3.5	11.4	1.4
17 06 75 0920			.3		18345		30.0	970.	40.	20.		20.0	6.4	1.2
15 07 75 0855			.3		18408		12.2	5200.	270.	70.		19.0	6.0	0.8
11 08 75 0930			.3		18418		11.5	630.	390.	260.		20.0	6.7	0.6
15 09 75 0920			.3		18454		51.1	6000.	1490.	180.		10.5	8.4	0.8
27 10 75 0955			.3		18516		58.3	800.	100.	10.		9.0	9.2	0.4
17 11 75 0945			.3		18552		103.	800.	500.	60.		7.0	9.0	0.4
15 12 75 0945			.3		18562	3	309.	12900.	3200.	1500. G		7.0	9.8	1.6
MAXIMUM							309.	12900.	3200.	1500.		20.0	11.4	1.6
AVG OR GEOM MN (*)							91.8	1046.*	207.* D	85.* U		8.7	8.2	0.8
MINIMUM							11.5	90.	10.	10.		0.0	5.0	0.4
NO OF SAMPLES							11	11	11	11		11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
13 01 75 0915			.3		0.077	0.032	0.07	0.68	0.022	4.000	3.00	630	21.	
10 02 75 0915			.3		0.046	0.023	0.09	0.46	0.014	2.000	5.60	720	19.	
10 03 75 0915			.3		0.061	0.023	0.09	0.56	0.013	1.900	9.80	670	23.	
14 04 75 0915			.3		0.036	0.014	0.02	0.48	0.010	1.300	7.00	530	16.	
17 06 75 0920			.3		0.058	0.036	0.03	0.98	0.043	1.000	27.00	545	16.	
15 07 75 0855			.3		0.120	0.044	0.01 L	0.60	0.092	1.000	15.00	525	13.	
11 08 75 0930			.3		0.075	0.034	0.01	0.44	0.075	1.600	6.80	510	17.	
15 09 75 0920			.3		0.043	0.028	0.02	0.62	0.011	1.100	1.50	650	21.	
27 10 75 0955			.3		0.040	0.019	0.02	0.62	0.009	0.890	2.90	698	20.	
17 11 75 0945			.3		0.038	0.018	0.03	0.66	0.013	1.600	4.00	680	19.	
15 12 75 0945			.3		0.220	0.070	0.13	0.92	0.027	2.700	20.00	610	21.	
MAXIMUM					0.220	0.070	0.13	0.98	0.092	4.000	27.00	720	23.	
AVG OR GEOM MN (*)					0.074	0.031	0.05 D	0.64	0.030	1.735	9.33	615	18.	
MINIMUM					0.036	0.014	0.01	0.44	0.009	0.890	1.50	510	13.	
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
13 01 75 0915			.3			470.	15. L	455						
10 02 75 0915			.3			510.	12.	498						
10 03 75 0915			.3			490.	14.	476						
14 04 75 0915			.3			380.	15.	365						
17 06 75 0920			.3			344.	9.	335						
15 07 75 0855			.3			396.	19.	377						
11 08 75 0930			.3			396.	15.	381						
15 09 75 0920			.3			516.	14.	502						
27 10 75 0955			.3			470.	4.	466						
17 11 75 0945			.3			465.	7.	458						
15 12 75 0945			.3			453.	49.	404						
MAXIMUM						516.	49.	502						
AVG OR GEOM MN (*)						444.	15. D	429						
MINIMUM						344.	4.	335						
NO OF SAMPLES						11	11	11						

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SAMPLE INFORMATION SYSTEM        STATION SUMMARY REPORT - RIVER BASINS                              DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: NITH RIVER                                                                          STATION ID:  16-0184-045-02
 SAMPLE POINT: FIRST CONC DOWNSTREAM FROM WELLESLY
 STATION TYPE: RIVER                                     MAJOR BASIN: GREAT LAKES                            STORET CODE: 02
                                                         MINOR BASIN: LAKE ERIE                                           003
                                                         TERM STREAM: GRAND RIVER                                         0150

STN NO     45        LAT                 LONG            U.T.M. 17 0521050.0 4811250.0 4       REGION 02             MILEAGE  143.50

                                        934        901        444         80         81         84         88        805          3          1
SAMP DTE HOUR  STN  STN SAMP  PJ     SAMPLE        SCD   FLOW CFS      TOTAL      FECAL       M.F.     PSEUD.      WATER      DISS.      5-DAY
DY MO YR LMT   DIST BRG DEPTH            NO                         COLIFORM   COLIFORM     ENTER.        MPA      TEMP.         O2        BOD
               FEET      MTRS                                       MF/100ML   MF/100ML   MF/100ML   MF/100ML      DEG C       MG/L       MG/L

13 01 75 1055              .3         18215                            1540.       270.       820.                   0.0        9.8        2.0
10 02 75 1120              .3         18251                            1000.       600.      1400.                   0.0        8.4        1.0
10 03 75 1115              .3         18287                             130.        20.        50.                   0.0       10.2        0.6
14 04 75 1111              .3         18313          3                 1060.       130.       160.                   0.5       10.2        1.2
16 06 75 1130              .3         18359                             470.       210.        30.                  20.5        7.8        1.6
14 07 75 1035              .3         18385                                                                         21.0        6.6        1.4
12 08 75 1040              .3         18432                             350.        90.        10.                  22.0        6.2        1.0
15 09 75 1100              .3         18468                            3000.       560.        20.                  12.0        8.6        1.2
20 10 75 1100              .3         18507                            2400.       700.       160.                   8.0        8.2        1.4
17 11 75 1130              .3         18530                             300.       200.        10.  L                6.5        9.6        0.4
15 12 75 1135              .3         18576                           12200.      5200.      1500.  G                5.5        7.6        3.2


                      MAXIMUM                                         12200.      5200.      1500.                  22.0       10.2        3.2
       AVG OR GEOM MN (*)                                              992.*      283.*      103.*  E                8.7        8.5        1.4
                      MINIMUM                                           130.        20.        10.                   0.0        6.2        0.4

                NO OF SAMPLES                                             10         10         10                    11         11         11

                                         33         34         19         20         21         22         16         14         56         55
SAMP DTE HOUR  STN  STN SAMP  PJ      TOTAL   FILTERED   FILTERED      TOTAL    NITRITE    NITRATE      TURB.      COND.   CHLORIDE         PH
DY MO YR LMT   DIST BRG DEPTH             P   REACTIVE    AMMONIA   KJELDAHL      NO2-N      NO3-N   FORMAZIN        25C       MG/L     AT LAB
               FEET      MTRS          MG/L     P MG/L       MG/L       MG/L       MG/L       MG/L      UNITS      UMHOS

13 01 75 1055              .3         0.200      0.100       0.20       1.30      0.036      7.500      24.00        415        15.
10 02 75 1120              .3         0.057      0.039       0.17       0.73      0.028      1.700       3.40        580        18.
10 03 75 1115              .3         0.085      0.057       0.40       0.97      0.034      4.700       4.10        530        20.
14 04 75 1111              .3         0.170      0.080       0.39       1.10      0.025      2.100      29.00        392        14.
16 06 75 1130              .3         0.068      0.007       0.04       0.86      0.022      0.660       8.50        460        17.
14 07 75 1035              .3         0.072      0.012       0.01       0.68      0.031      0.850      27.00        450        12.
12 08 75 1040              .3         0.057      0.005       0.03       0.63      0.027      0.460      15.00        420        13.
15 09 75 1100              .3         0.110      0.050       0.03       0.88      0.018      1.500       3.20        490        16.
20 10 75 1100              .3         0.050      0.010       0.12       0.66      0.032      1.200       7.50        520        14.
17 11 75 1130              .3         0.066      0.034       0.02       0.64      0.015      2.100       7.50        600        14.
15 12 75 1135              .3         0.350      0.085       0.27       1.60      0.035      3.600      65.00        410        14.


                      MAXIMUM         0.350      0.100       0.40       1.60      0.036      7.500      65.00        600        20.
       AVG OR GEOM MN (*)             0.117      0.044       0.15       0.91      0.028      2.397      17.66        479        15.
                      MINIMUM         0.050      0.005       0.01       0.63      0.015      0.460       3.20        392        12.

                NO OF SAMPLES            11         11         11         11         11         11         11         11         11

                                         59          5          6          7        107         67         66         45         47         41
SAMP DTE HOUR  STN  STN SAMP  PJ   SULPHATE      TOTAL      SUSP.      DISS.      DISS.    PTSSIUM     SODIUM      TOT C    ORGANIC        COD
DY MO YR LMT   DIST BRG DEPTH                   SOLIDS     SOLIDS     SOLIDS     SOLIDS          K         NA       AS C     C AS C
               FEET      MTRS          MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L

13 01 75 1055              .3                     350.        25.        325
10 02 75 1120              .3                     390.         6.        384
10 03 75 1115              .3                     380.         6.        374
14 04 75 1111              .3                     348.        93.                   366
16 06 75 1130              .3                     352.        32.        320
14 07 75 1035              .3                     350.        31.        319
12 08 75 1040              .3                     301.        23.        278
15 09 75 1100              .3                     364.        25.        339
20 10 75 1100              .3                     362.        13.        349
17 11 75 1130              .3                     418.         8.        410
15 12 75 1135              .3           26.       470.       199.        271


                      MAXIMUM           26.       470.       199.        410        366
       AVG OR GEOM MN (*)               26.       371.        41.        337        366
                      MINIMUM           26.       301.         6.        271        366

                NO OF SAMPLES             1         11         11         10          1
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SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

B.O.W./ SITE: SPEED RIVER   STATION ID: 16-0184-046-02
SAMPLE POINT: 200 YDS UPSTREAM FROM CONFLUENCE WITH GRAND RIVER
STATION TYPE: RIVER   MAJOR BASIN: GREAT LAKES   STORET CODE: 02
MINOR BASIN: LAKE ERIE   003
TERM STREAM: GRAND RIVER   0150

STN NO 46   LAT   LONG   U.T.M. 17 0551050.0 4804999.0 4   REGION 02   MILEAGE 93.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
13 01 75 1345			.3		18222			300.	40.	100.		0.0	10.6	4.2
10 02 75 1415			.3		18258			90.	10. L	10. L		0.0	7.0	4.5
10 03 75 1420			.3		18294			100.	30.	10. L		0.0	10.8	3.2
14 04 75 1410			.3		18320	3		10. L	10. L	10. L		6.5	12.0	1.2
16 06 75 1441			.3		18366			640.	170.	30.		23.2	10.2	1.8
14 07 75 1340			.3		18392							23.0	7.4	2.8
12 08 75 1330			.3		18439			160.	1230.	480.		24.0	6.2	1.6
15 09 75 1355			.3		18475			600.	300.	70.		14.0	9.4	1.0
20 10 75 1340			.3		18514			1000.	130.	350.		10.0	8.0	2.0
17 11 75 1420			.3		18537			2000.	10. L	10.		9.0	10.6	
15 12 75 1430			.3		18583			550.	100.	190.		5.0	8.8	2.6
MAXIMUM								2000.	1230.	480.		24.0	12.0	4.5
AVG OR GEOM MN (*)								267.* D	63.* D	48.* D		10.4	9.2	2.5
MINIMUM								10.	10.	10.		0.0	6.2	1.0
NO OF SAMPLES								10	10	10		11	11	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
13 01 75 1345			.3		0.079	0.033	0.70	1.40	0.053	1.900	4.20	640	40.	
10 02 75 1415			.3		0.077	0.056	0.20	0.75	0.036	2.100	1.40	820	68.	
10 03 75 1420			.3		0.130	0.025	0.90	3.50	0.048	1.800	1.60	650	52.	
14 04 75 1410			.3		0.038	0.020	0.44	0.92	0.027	1.300	5.00	500	28.	
16 06 75 1441			.3		0.096	0.047	0.06	0.80	0.100	0.010	6.40	600	44.	
14 07 75 1340			.3		0.210	0.034	0.04	1.20	0.027	1.400	2.00	700	70.	
12 08 75 1330			.3		0.160	0.070	0.04	0.73	0.036	1.400	2.40	740	84.	
15 09 75 1355			.3		0.058	0.031	0.01	0.66	0.064	2.300	0.95	700	60.	
20 10 75 1340			.3		0.098	0.046	0.11	0.79	0.100	2.200	3.40	600	50.	
17 11 75 1420			.3											
15 12 75 1430			.3		0.260	0.045	0.41	2.20	0.069	2.200	11.00	680	60.	
MAXIMUM					0.260	0.070	0.90	3.50	0.100	2.300	11.00	820	84.	
AVG OR GEOM MN (*)					0.121	0.041	0.29	1.30	0.056	1.661	3.84	663	55.	
MINIMUM					0.038	0.020	0.01	0.66	0.027	0.010	0.95	500	28.	
NO OF SAMPLES					10	10	10	10	10	10	10	10	10	

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
13 01 75 1345			.3			470.	15. L	455						
10 02 75 1415			.3			530.	5.	525						
10 03 75 1420			.3			410.	4.	406						
14 04 75 1410			.3			310.	6.	304						
16 06 75 1441			.3			420.	15.	405						
14 07 75 1340			.3			484.	16.	468						
12 08 75 1330			.3			503.	8.	495						
15 09 75 1355			.3			448.	5.	443						
20 10 75 1340			.3			454.	6.	448						
15 12 75 1430			.3		52.	437.	28.	409						
MAXIMUM					52.	530.	28.	525						
AVG OR GEOM MN (*)					52.	446.	10. D	436						
MINIMUM					52.	310.	4.	304						
NO OF SAMPLES					1	10	10	10						

SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: CANAGAGIGUE CREEK
SAMPLE POINT: FIRST CONCESSION NORTH OF ELMIRA
STATION TYPE: RIVER

STATION ID: 16-0184-051-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ERIE
TERM STREAM: GRAND RIVER

STORET CODE: 02
003
0150

STN NO 51 LAT LONG U.T.M. 17 0535475.0 4829125.0 4 REGION 02 MILEAGE 129.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
13 01 75 1335			.3		18233	4		3300.	700.	15000. G			2.0	14.0
10 02 75 1330			.3		18269	4		340.	100.	100. L		1.0	2.8	1.4
10 03 75 1620			.3		18305			260.	20.	10. L		1.0	4.8	1.0
14 04 75 1440			.3		18341			1120.	240.	1500. G		2.0	12.4	2.0
23 06 75 1450			.3		18377			6200.	1710.	460.		23.0	7.8	3.0
15 07 75 1615			.3		18403			120.	210.	40.		22.0	7.6	3.4
13 08 75			.3		18450			8400.	5000.	1060.				4.8
15 09 75 1615			.3		18486			740.	690.	140.		15.0	7.6	3.8
20 10 75 1530			.3		18499			3000.	430.	1600.		10.0	8.4	3.6
17 11 75 1510			.3		18548			1000.	100.	100. L		6.0	8.8	1.0
15 12 75 1550			.3		18594			7000.	4700.	7600.		2.0	8.6	3.0
MAXIMUM								8400.	5000.	15000.		23.0	12.4	14.0
AVG OR GEOM MN (*)								1369.*	426.*	422.* E		9.1	7.1	3.7
MINIMUM								120.	20.	10.		1.0	2.0	1.0
NO OF SAMPLES								11	11	11		9	10	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
13 01 75 1335			.3		2.800	0.040	0.33	8.80	0.080	6.700	200.00	570	23.	7.9
10 02 75 1330			.3		0.090	0.036	0.30	1.00	0.026	5.500	13.00	636	17.	8.1
10 03 75 1620			.3		0.130	0.074	0.40	0.90	0.031	6.400	8.10	540	19.	7.9
14 04 75 1440			.3		0.270	0.120	0.49	1.30	0.031	5.300	38.00	415	14.	7.5
23 06 75 1450			.3		0.140	0.060	0.23	1.20	0.080	4.500	17.00	450	13.	7.0
15 07 75 1615			.3		0.140	0.008	0.01 L	0.92	0.082	2.200	8.00	430	11.	8.0
13 08 75			.3		0.180	0.014	0.02	1.20	0.036	0.960	31.00	450	13.	7.7
15 09 75 1615			.3		0.130	0.015	0.12	1.00	0.088	1.200	2.00	500	16.	8.1
20 10 75 1530			.3		0.099	0.029	0.17	0.86	0.061	1.700	34.00	550	17.	8.1
17 11 75 1510			.3		0.110	0.024	0.13	0.90	0.063	2.400	35.00	600	16.	8.2
15 12 75 1550			.3		0.270	0.054	0.23	1.10	0.030	5.100	88.00	560	16.	8.1
MAXIMUM					2.800	0.120	0.49	8.80	0.088	6.700	200.00	636	23.	8.2
AVG OR GEOM MN (*)					0.396	0.043	0.22 D	1.74	0.055	3.815	43.10	518	15.	7.9
MINIMUM					0.090	0.008	0.01	0.86	0.026	0.960	2.00	415	11.	7.0
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
13 01 75 1335			.3		18233	3.	178	276		1.40	40			
10 02 75 1330			.3		18269	1.	233	324		0.90	5L			
10 03 75 1620			.3		18305	3.	190	268		0.50	20			
14 04 75 1440			.3		18341	6.	148	204		2.90	150			
23 06 75 1450			.3		18377	3.	181	230		1.30	30			
15 07 75 1615			.3		18403	3.	168	244		3.70	60			
13 08 75			.3		18450	8.	208		234.	3.20				
15 09 75 1615			.3		18486	2.	200		263.	2.60	5			
20 10 75 1530			.3		18499		223		272.	1.70	30			
17 11 75 1510			.3		18548	2.	253		311.	2.00	30			
15 12 75 1550			.3		18594	3.	222		284.	4.60	5			
MAXIMUM						8.	253	324	311.	4.60	150			
AVG OR GEOM MN (*)						3.	200	258	272.	2.26	38D			
MINIMUM						1.	148	204	234.	0.50	5			
NO OF SAMPLES						10	11	6	5	11	10			

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
13 01 75 1335			.3			2500.	1710.	790						
10 02 75 1330			.3			450.	23.	427						
10 03 75 1620			.3			400.	11.	389						
14 04 75 1440			.3			360.	81.	279						
23 06 75 1450			.3			352.	38.	314						
15 07 75 1615			.3			374.	60.	314						
13 08 75			.3			425.	93.	332						
15 09 75 1615			.3			395.	58.	337						
20 10 75 1530			.3			430.	41.	389						
17 11 75 1510			.3			427.	49.	378						
15 12 75 1550			.3		36.	502.	144.	358						
MAXIMUM					36.	2500.	1710.	790						
AVG OR GEOM MN (*)					36.	601.	209.	392						
MINIMUM					36.	352.	11.	279						
NO OF SAMPLES					1	11	11	11						

SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: CANAGAGIGUE CREEK STATION ID: 16-0184-052-02
SAMPLE POINT: AT COUNTY ROAD 19 FLORADALE
STATION TYPE: RIVER
MAJOR BASIN: GREAT LAKES STORET CODE: 02
MINOR BASIN: LAKE ERIE 003
TERM STREAM: GRAND RIVER 0150

STN NO 52 LAT LONG U.T.M. 17 0533890.0 4831150.0 4 REGION 02 MILEAGE 131.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L
13 01 75 1320			.3		18232	4	15.0	300.	110.	320.			2.0	1.8
10 02 75 1300			.3		18268	4	0.56	310.	170.	30.		1.0	3.0	1.0
10 03 75 1605			.3		18304		4.4	510.	20.	130.		0.0	7.4	0.4
14 04 75 1530			.3		18340		37.0	1260.	130.	1160.		1.0	9.8	1.2
23 06 75 1425			.3		18376		19.4	800.	140.	10. L		27.5	8.0	0.8
15 07 75 1605			.3		18402		0.01	530.	190.	60.		23.0	7.6	2.2
13 08 75			.3		18449		0.02	5300.	2100.	470.				2.0
15 09 75 1600			.3		18485		3.4	700.	260.	60.		12.0	11.0	1.4
20 10 75 1520			.3		18498		4.0	1100.	70.	40.		9.5	9.2	1.4
17 11 75 1435			.3		18547		2.1	210.	10. L	10. L		5.0	10.2	0.4
15 12 75 1535			.3		18593		83.1	21000.	1300.	1500. G		3.5	10.0	3.0
MAXIMUM							83.1	21000.	2100.	1500.		27.5	11.0	3.0
AVG OR GEOM MN (*)							15.36	931.*	146.* D	104.* E		9.2	7.8	1.4
MINIMUM							0.01	210.	10.	10.		0.0	2.0	0.4
NO OF SAMPLES							11	11	11	11		9	10	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
13 01 75 1320			.3		0.100	0.053	0.16	0.78	0.043	9.500	4.30	550	22.	
10 02 75 1300			.3		0.083	0.060	0.38	0.77	0.024	5.000	4.90	600	15.	
10 03 75 1605			.3		0.072	0.057	0.45	0.92	0.027	5.900	2.40	560	17.	
14 04 75 1530			.3		0.140	0.065	0.26	0.80	0.022	5.200	29.00	405	11.	
23 06 75 1425			.3		0.056	0.021	0.09	0.61	0.075	5.400	4.30	540	15	
15 07 75 1605			.3		0.065	0.003	0.09	0.77	0.180	2.200	8.00	560	12.	
13 08 75			.3		0.066	0.020	0.22	0.82	0.096	1.600	1.80	580	13.	
15 09 75 1600			.3		0.052	0.013	0.06	0.65	0.030	1.600	0.95	600	20.	
20 10 75 1520			.3		0.062	0.024	0.15	0.56	0.048	2.300	6.00	620	15.	
17 11 75 1435			.3		0.066	0.041	0.07	0.49	0.030	3.200	3.40	630	15.	
15 12 75 1535			.3		0.280	0.070	0.19	1.20	0.030	6.100	85.00	510	15.	
MAXIMUM					0.280	0.070	0.45	1.20	0.180	9.500	85.00	630	22.	
AVG OR GEOM MN (*)					0.095	0.039	0.19	0.76	0.055	4.364	13.64	560	15.	
MINIMUM					0.052	0.003	0.06	0.49	0.022	1.600	0.95	405	11.	
NO OF SAMPLES					11	11	11	11	11	11	11	11	10	

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
13 01 75 1320			.3			490.	15. L	475						
10 02 75 1300			.3			410.	28.	382						
10 03 75 1605			.3			360.	5.	355						
14 04 75 1530			.3			350.	40.	310						
23 06 75 1425			.3			406.	8.	398						
15 07 75 1605			.3			438.	12.	426						
13 08 75			.3			439.	20.	419						
15 09 75 1600			.3			418.	7.	411						
20 10 75 1520			.3			450.	10.	440						
17 11 75 1435			.3			418.	5.	413						
15 12 75 1535			.3			435.	118.	317						
MAXIMUM						490.	118.	475						
AVG OR GEOM MN (*)						419.	24. D	395						
MINIMUM						350.	5.	310						
NO OF SAMPLES						11	11	11						

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SAMPLE INFORMATION SYSTEM        STATION SUMMARY REPORT - RIVER BASINS                         DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: DITCH                                                                              STATION ID:  16-0191-001-10
 SAMPLE POINT: AT LAKE ROAD PORT COLBORNE INCO
 STATION TYPE: OUTFALL INDUSTRIAL COOLING                    MAJOR BASIN: GREAT LAKES                          STORET CODE: 02
                                                             MINOR BASIN: LAKE ERIE                                          003

STN NO      1       LAT                 LONG                U.T.M. 17 0643650.0 4748525.0 4      REGION 02             MILEAGE     0.10


                                       934       901       444        80        81        84        88       805         3         1
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE       SCD  FLOW CFS     TOTAL     FECAL      M.F.    PSEUD.     WATER     DISS.     5-DAY
DY MO YR LMT   DIST BRG DEPTH           NO                      COLIFORM  COLIFORM    ENTER.       MPA     TEMP.        O2       BOD
               FEET      MTRS                                   MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L

08 01 75 1150               .3       17027  6 9                   10.  L    10.  L    10.  L                 8.0      12.0       2.4
12 02 75 1055               .3       17058  6                      1.        1.        1.                    8.0       7.0       1.4
06 03 75 1135               .3       17091  6                      1.        1.        1.                    7.5      14.0       2.2
10 04 75 1115               .3       17124  6                      1.        1.        1.                    9.5       8.0       0.5
05 05 75 1140               .3       17156  6 9 0                  1.        1.        1.                   15.0       0.0       0.4


                       MAXIMUM                                    10.       10.       10.                   15.0      14.0       2.4
            AVG OR GEOM MN (*)                                     2.* D     2.* D     2.* D                 9.6       8.2       1.4
                       MINIMUM                                     1.        1.        1.                    7.5       0.0       0.4

                 NO OF SAMPLES                                     5         5         5                     5         5         5
                                        33        34        19        20        21        22        16        14        56        55
SAMP DTE HOUR  STN  STN SAMP  PJ     TOTAL  FILTERED  FILTERED     TOTAL   NITRITE   NITRATE     TURB.     COND.  CHLORIDE        PH
DY MO YR LMT   DIST BRG DEPTH            P  REACTIVE   AMMONIA  KJELDAHL     NO2-N     NO3-N  FORMAZIN       25C      MG/L    AT LAB
               FEET      MTRS         MG/L    P MG/L      MG/L      MG/L      MG/L      MG/L     UNITS     UMHOS

08 01 75 1150               .3                                                                                3250                 8.5
12 02 75 1055               .3                                                                                4450                 7.4
06 03 75 1135               .3                                                                                4650                 8.9
10 04 75 1115               .3                                                                                 560                 7.7
05 05 75 1140               .3                                                                                4100                 6.9


                       MAXIMUM                                                                                4650                 8.9
            AVG OR GEOM MN (*)                                                                                3402                 7.9
                       MINIMUM                                                                                 560                 6.9

                 NO OF SAMPLES                                                                                   5                   5
                                        59         5         6         7       107        67        66        45        47        41
SAMP DTE HOUR  STN  STN SAMP  PJ  SULPHATE     TOTAL     SUSP.     DISS.     DISS.   PTSSIUM    SODIUM     TOT C   ORGANIC       COD
DY MO YR LMT   DIST BRG DEPTH                 SOLIDS    SOLIDS    SOLIDS    SOLIDS         K        NA      AS C   -C AS C
               FEET      MTRS         MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

08 01 75 1150               .3        820.      450.       40.       365
12 02 75 1055               .3       1600.     3310.       23.      3287
06 03 75 1135               .3        950.     3530.       85.      3445
10 04 75 1115               .3         94.      400.       16.       384
05 05 75 1140               .3       1500.     3100.       10.      3090


                       MAXIMUM       1600.     3530.       85.      3445
            AVG OR GEOM MN (*)        992.     2149.       34.      2114
                       MINIMUM         94.      400.       10.       365

                 NO OF SAMPLES           5         5         5         5
                                       934       203       265        64        72       221       225       272       215       229
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE     TOTAL     TOTAL               TOTAL     TOTAL     TOTAL    SIMPLE     TOTAL     TOTAL
DY MO YR LMT   DIST BRG DEPTH           NO  ALUMINUM   ARSENIC   CALCIUM   CALCIUM  CHROMIUM    COPPER   CYANIDE   CADMIUM      LEAD
               FEET      MTRS                   MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

08 01 75 1150               .3       17027
12 02 75 1055               .3       17058                                                        0.16
06 03 75 1135               .3       17091                                                        0.11
10 04 75 1115               .3       17124                                                        0.64
05 05 75 1140               .3       17156                                                        1.10
                                                                                                  0.89


                       MAXIMUM
            AVG OR GEOM MN (*)                                                                    1.10
                       MINIMUM                                                                    0.58
                                                                                                  0.11
                 NO OF SAMPLES
                                                                                                     5
                                       934        95        52        50        76        61        68        25        60       280
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE   ACIDITY   TOT ALK  HARDNESS    CALCUL     TOTAL    COLOUR   PHENOLS            REACTIVE
DY MO YR LMT   DIST BRG DEPTH           NO      MG/L    AT LAB     CACO3  HARDNESS      IRON     HAZEN            FLUORIDE  SILICATE
               FEET      MTRS                             MG/L      MG/L      MG/L      MG/L     UNITS      UG/L      MG/L   SI MG/L

08 01 75 1150               .3       17027
12 02 75 1055               .3       17058                                          1.10                1.  L
06 03 75 1135               .3       17091                                          0.90                1.  L
10 04 75 1115               .3       17124                                          1.50                1.  L
05 05 75 1140               .3       17156                                          1.70
                                                                                    0.50                1.  L


                       MAXIMUM
            AVG OR GEOM MN (*)                                                      1.70                1.
                       MINIMUM                                                      1.14                1.  D
                                                                                    0.50                1.
                 NO OF SAMPLES
                                                                                       5                   4
                                        65        74       200       235       238       249       217       218       219       361
SAMP DTE HOUR  STN  STN SAMP  PJ       MAG  TOT. MAG  MANGNESE     TOTAL     TOTAL     TOTAL     TOTAL    BARIUM  SELENIUM   SOLVENT
DY MO YR LMT   DIST BRG DEPTH       NESIUM    NESIUM        MN   MERCURY    NICKEL      ZINC    COBALT      MG/L      MG/L  EXTRBLES
               FEET      MTRS         MG/L      MG/L      MG/L      UG/L      MG/L      MG/L      MG/L                          MG/L

08 01 75 1150               .3                                                6.60
12 02 75 1055               .3                                                9.70
06 03 75 1135               .3                                               12.00
10 04 75 1115               .3                                                1.10
05 05 75 1140               .3                                                5.90

                       MAXIMUM                                               12.00
            AVG OR GEOM MN (*)                                                7.06
                       MINIMUM                                                1.10

                 NO OF SAMPLES                                                   5
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SAMPLE INFORMATION SYSTEM        STATION SUMMARY REPORT - RIVER BASINS                        DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: DITCH                                                                             STATION ID:  16-0191-002-09
 SAMPLE POINT: AT FARES STREET AND LAKE ROAD PORT COLBORNE ALGOMA
 STATION TYPE: OUTFALL INDUSTRIAL PROCESS                 MAJOR BASIN: GREAT LAKES                      STORET CODE: 02
                                                          MINOR BASIN: LAKE ERIE                                     003

STN NO      2       LAT                LONG                U.T.M. 17 0643275.0 4748575.0 4     REGION 02           MILEAGE    0.20

                                          934        901        444         80         81         84         88        805          3          1
SAMP DTE HOUR  STN  STN SAMP  PJ       SAMPLE        SCD   FLOW CFS      TOTAL      FECAL       M.F.     PSEUD.      WATER      DISS.      5-DAY
DY MO YR LMT   DIST BRG DEPTH              NO                         COLIFORM   COLIFORM     ENTER.        MPA      TEMP.         O2        BOD
               FEET      MTRS                                         MF/100ML   MF/100ML   MF/100ML   MF/100ML      DEG C       MG/L       MG/L

08 01 75 1135              .3           17026      6 9 0                  400.         1.         8.                   6.0       12.0        2.8
12 02 75 1050              .3           17057      6 0                     20.         1.         1.                   1.0       17.0        1.4
06 03 75 1130              .3           17090      4 9                      4.         4.         4.                   3.0       16.0        2.2
10 04 75 1110              .3           17123      5 8                      1.         1.         1.                   8.0       14.0        1.0
05 05 75 1130              .3           17155      6 0                     60.         1.         1.                  13.0       11.0        1.0


                      MAXIMUM                                             400.         4.         8.                  13.0       17.0        2.8
           AVG OR GEOM MN (*)                                             18.*        1.*        2.*                   6.2       14.0        1.7
                      MINIMUM                                               1.         1.         1.                   1.0       11.0        1.0

                NO OF SAMPLES                                                5          5          5                     5          5          5
                                           33         34         19         20         21         22         16         14         56         55
SAMP DTE HOUR  STN  STN SAMP  PJ        TOTAL   FILTERED   FILTERED      TOTAL    NITRITE    NITRATE      TURB.      COND.   CHLORIDE         PH
DY MO YR LMT   DIST BRG DEPTH               P   REACTIVE    AMMONIA   KJELDAHL      NO2-N      NO3-N   FORMAZIN        25C       MG/L     AT LAB
               FEET      MTRS            MG/L     P MG/L       MG/L       MG/L       MG/L       MG/L      UNITS      UMHOS

08 01 75 1135              .3                                                                                          350                   8.1
12 02 75 1050              .3                                                                                          355                   8.2
06 03 75 1130              .3                                                                                          324                   8.2
10 04 75 1110              .3                                                                                          335                   8.4
05 05 75 1130              .3                                                                                          310                   7.8


                      MAXIMUM                                                                                          355                   8.4
           AVG OR GEOM MN (*)                                                                                          335                   8.1
                      MINIMUM                                                                                          310                   7.8

                NO OF SAMPLES                                                                                            5                     5
                                          934         95         52         50         76         61         68         25         60        280
SAMP DTE HOUR  STN  STN SAMP  PJ       SAMPLE    ACIDITY    TOT ALK   HARDNESS     CALCUL      TOTAL     COLOUR    PHENOLS              REACTIVE
DY MO YR LMT   DIST BRG DEPTH              NO       MG/L     AT LAB      CACO3   HARDNESS       IRON      HAZEN              FLUORIDE   SILICATE
               FEET      MTRS                                  MG/L       MG/L       MG/L       MG/L      UNITS       UG/L       MG/L    SI MG/L

08 01 75 1135              .3           17026                                                   0.40                   85.
12 02 75 1050              .3           17057                                                   1.20                    7.
06 03 75 1130              .3           17090                                                   1.00                    1.
10 04 75 1110              .3           17123                                                   0.45
05 05 75 1130              .3           17155                                                   0.65                   13.


                      MAXIMUM                                                                   1.20                   85.
           AVG OR GEOM MN (*)                                                                   0.74                   26.
                      MINIMUM                                                                   0.40                    1.

                NO OF SAMPLES                                                                      5                     4
                                           59          5          6          7        107         67         66         45         47         41
SAMP DTE HOUR  STN  STN SAMP  PJ     SULPHATE      TOTAL      SUSP.      DISS.      DISS.    PTSSIUM     SODIUM      TOT C    ORGANIC        COD
DY MO YR LMT   DIST BRG DEPTH                     SOLIDS     SOLIDS     SOLIDS     SOLIDS          K         NA       AS C     C AS C
               FEET      MTRS            MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L

08 01 75 1135              .3             35.       245.      15. L                   230
12 02 75 1050              .3             26.       230.        17.        213
06 03 75 1130              .3             30.       230.        30.        200
10 04 75 1110              .3             33.       200.         6.        194
05 05 75 1130              .3             26.       212.        10.                   202


                      MAXIMUM             35.       245.        30.        213        230
           AVG OR GEOM MN (*)             30.       223.      15. D        202        216
                      MINIMUM             26.       200.         6.        194        202

                NO OF SAMPLES               5          5          5          3          2
                                          934        203        265         64         72        221        225        272        215        229
SAMP DTE HOUR  STN  STN SAMP  PJ       SAMPLE      TOTAL      TOTAL                 TOTAL      TOTAL      TOTAL     SIMPLE      TOTAL      TOTAL
DY MO YR LMT   DIST BRG DEPTH              NO   ALUMINUM    ARSENIC    CALCIUM    CALCIUM   CHROMIUM     COPPER    CYANIDE    CADMIUM       LEAD
               FEET      MTRS                       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L

08 01 75 1135              .3           17026                                                                0.03 L
12 02 75 1050              .3           17057                                                                0.03 L
06 03 75 1130              .3           17090                                                                0.02
10 04 75 1110              .3           17123                                                                0.02
05 05 75 1130              .3           17155                                                                0.03
                      MAXIMUM                                                                                0.03
           AVG OR GEOM MN (*)                                                                                0.03 D
                      MINIMUM                                                                                0.02

                NO OF SAMPLES                                                                                   5
                                           65         74        200        235        238        249        217        218        219        361
SAMP DTE HOUR  STN  STN SAMP  PJ          MAG   TOT. MAG   MANGNESE      TOTAL      TOTAL      TOTAL      TOTAL     BARIUM   SELENIUM    SOLVENT
DY MO YR LMT   DIST BRG DEPTH          NESIUM     NESIUM         MN    MERCURY     NICKEL       ZINC     COBALT       MG/L       MG/L   EXTRBLES
               FEET      MTRS            MG/L       MG/L       MG/L       UG/L       MG/L       MG/L       MG/L                             MG/L

08 01 75 1135              .3                                                      0.04 L
12 02 75 1050              .3                                                      0.04 L
06 03 75 1130              .3                                                      0.02 L
10 04 75 1110              .3                                                      0.02
05 05 75 1130              .3                                                      0.04 L
                      MAXIMUM                                                      0.04
           AVG OR GEOM MN (*)                                                      0.03 D
                      MINIMUM                                                      0.02

                NO OF SAMPLES                                                         5
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SAMPLE INFORMATION SYSTEM        STATION SUMMARY REPORT - RIVER BASINS                              DATE OF REPORT  28 OCT 77

B.O.W./ SITE: PICTON CREEK                                                                          STATION ID:  17-0008-001-02
SAMPLE POINT: AT CONSERVATION AREA POUND
STATION TYPE: RIVER
                                                           MAJOR BASIN: GREAT LAKES                           STORET CODE: 02
                                                           MINOR BASIN: LAKE ONTARIO                                       004
                                                           TERM STREAM: PICTON CREEK                                       1710

STN NO     1      LAT              LONG              U.T.M. 18 0329975.0 4874300.0 4    REGION 04            MILEAGE    0.80


                                        934        901        444        80         81         84         88        805         3          1
SAMP DTE HOUR  STN  STN SAMP  PJ      SAMPLE        SCD   FLOW CFS     TOTAL      FECAL       M.F.     PSEUD.     WATER      DISS.     5-DAY
DY MO YR LMT   DIST BRG DEPTH             NO                        COLIFORM   COLIFORM     ENTER.       MPA     TEMP.         O2       BOD
               FEET      MTRS                                       MF/100ML   MF/100ML   MF/100ML   MF/100ML    DEG C       MG/L      MG/L

27 05 75 1305              .3          36907    6                     210.       130.       10.  L              23.0        6.0       2.8
26 06 75 0810              .3          36908    5 6                   330.       180.       50.                 22.0        6.5       1.2
29 07 75                   .3          36923    6                     200.        80.       10.  L              25.0        9.0       3.0
26 08 75 0810              .3          36924    6                     500.        80.       40.                 22.0        7.0
30 09 75 1245              .3          36932    6                    8000.       890.       90.                 15.0        1.5       1.0
28 10 75 0930              .3          36940    6                     100.        30.       10.  L               5.0        3.0       0.2
25 11 75 0745              .3          36948    6                      30.        10.  L    10.  L              13.0        3.0       0.6
23 12 75 0845              .3          36956    4                                                               10.0       10.0       0.4


                      MAXIMUM                                        8000.       890.       90.                 25.0       10.0       3.0
             AVG OR GEOM MN (*)                                       288.*       88.* D    21.* D              16.9        5.8       1.3
                      MINIMUM                                          30.        10.       10.                  5.0        1.5       0.2

                NO OF SAMPLES                                            7          7          7                   8          8         7


                                       33         34         19         20         21         22         16         14         56         55
SAMP DTE HOUR  STN  STN SAMP  PJ      TOTAL   FILTERED   FILTERED      TOTAL    NITRITE    NITRATE      TURB.      COND.   CHLORIDE         PH
DY MO YR LMT   DIST BRG DEPTH             P   REACTIVE    AMMONIA   KJELDAHL      NO2-N      NO3-N   FORMAZIN       25C       MG/L     AT LAB
               FEET      MTRS          MG/L     P MG/L       MG/L       MG/L       MG/L       MG/L      UNITS     UMHOS

27 05 75 1305              .3         0.057      0.002      0.01 L     0.74       0.003      0.010L      6.50      465
26 06 75 0810              .3         0.023      0.013      0.05       0.50       0.001      0.010L      3.10      500        4.
29 07 75                   .3         0.060      0.003      0.02       0.65       0.002      0.010L     16.00      335        5.
26 08 75 0810              .3                                                                                               1.
30 09 75 1245              .3         0.021      0.001      0.03       0.68       0.003      0.020       1.40      500
28 10 75 0930              .3         0.011      0.001      0.01 L     0.33       0.002      0.010L      1.50      560       14.
25 11 75 0745              .3         0.015      0.002      0.01 L     0.26       0.002      0.010       1.00      530       14.
23 12 75 0845              .3         0.012      0.003      0.01       0.21       0.003      0.090       2.30      475        9.
                                                                                                                            7.


                      MAXIMUM         0.060      0.013      0.05       0.74       0.003      0.090      16.00      560       14.
             AVG OR GEOM MN (*)       0.028      0.004      0.02 D     0.48       0.002      0.023D      4.54      481        7.
                      MINIMUM         0.011      0.001      0.01       0.21       0.001      0.010       1.00      335        1.

                NO OF SAMPLES             7          7          7          7          7          7          7        7          7


                                       59          5          6          7        107         67         66         45         47         41
SAMP DTE HOUR  STN  STN SAMP  PJ   SULPHATE      TOTAL      SUSP.      DISS.      DISS.    PTSSIUM     SODIUM     TOT C    ORGANIC        COD
DY MO YR LMT   DIST BRG DEPTH                   SOLIDS     SOLIDS     SOLIDS     SOLIDS          K         NA      AS C     C AS C
               FEET      MTRS          MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L      MG/L       MG/L       MG/L

27 05 75 1305              .3                     380.       17.        363
26 06 75 0810              .3                     332.        9.        323
29 07 75                   .3                     262.       34.                   218
30 09 75 1245              .3                     354.        1.        353
28 10 75 0930              .3                     899.        3.        896
25 11 75 0745              .3                     329.        3.        326
23 12 75 0845              .3                     303.        8.        295


                      MAXIMUM                     899.       34.        896        218
             AVG OR GEOM MN (*)                   408.       10.        426        218
                      MINIMUM                     262.        1.        295        218

                NO OF SAMPLES                        7          7          6          1
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SAMPLE INFORMATION SYSTEM       STATION SUMMARY REPORT - RIVER BASINS                          DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: DEMORESTVILLE CREEK                                                               STATION ID:  17-0014-001-02
 SAMPLE POINT: AT COUNTY ROAD 14
 STATION TYPE: RIVER                                        MAJOR BASIN: GREAT LAKES                     STORET CODE: 02
                                                            MINOR BASIN: LAKE ONTARIO                                 004
                                                            TERM STREAM: DEMORESTVILLEC                               1460

STN NO      1       LAT                 LONG                U.T.M. 18 0323000.0 4884100.0 4     REGION 04          MILEAGE     3.00

                                           934      901       444        80         81         84        88        805        3          1
SAMP DTE HOUR  STN  STN SAMP  PJ        SAMPLE       SCD   FLOW CFS     TOTAL      FECAL      M.F.    PSEUD.     WATER     DISS.     5-DAY
DY MO YR LMT   DIST BRG DEPTH               NO                      COLIFORM   COLIFORM    ENTER.       MPA     TEMP.        02       BOD
               FEET       MTRS                                     MF/100ML   MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L

27 05 75 1230              .3           36906    6          0.99     290.        20.       10.                  23.0       5.5       2.6
26 06 75 1205              .3           36915    6          0.05     150.        80.       20.                  26.0      10.0       1.6
29 07 75 1145              .3           36922    6          0.03    1500.  G   1500.  G    10.                  24.0       7.5       4.6
26 08 75 1145              .3           36931    5          0.      1300.        10.  L    10.  L               24.0       6.5
30 09 75 1200              .3           36939    5          0.06     210.         1.       16.                  15.0      11.5       0.8
28 10 75 1430              .3           36947    6          0.12      20.        10.  L    10.  L               10.0      11.5       0.4
25 11 75 1210              .3           36955    5          1.6                                                 12.0       5.0       1.2
23 12 75 1300              .3           36963    4         11.3                                                 10.0       4.0       0.8


                    MAXIMUM                                11.3     1500.      1500.       20.                  26.0      11.5       4.6
            AVG OR GEOM MN (*)                              1.77     266.* U     25.* E    12.* D               18.0       7.7       1.7
                    MINIMUM                                 0.        20.         1.       10.                  10.0       4.0       0.4

               NO OF SAMPLES                                  8         6          6         6                    8         8          7

                                           33        34        19        20         21         22        16        14        56         55
SAMP DTE HOUR  STN  STN SAMP  PJ        TOTAL  FILTERED  FILTERED     TOTAL    NITRITE    NITRATE     TURB.     COND.  CHLORIDE         PH
DY MO YR LMT   DIST BRG DEPTH               P  REACTIVE   AMMONIA  KJELDAHL      NO2-N      NO3-N  FORMAZIN       25C      MG/L     AT LAB
               FEET       MTRS           MG/L    P MG/L      MG/L      MG/L       MG/L       MG/L     UNITS     UMHOS

27 05 75 1230              .3           0.150     0.038    0.01 L     1.30      0.005     0.010L      1.60       335       4.
26 06 75 1205              .3           0.080     0.025    0.01       0.98      0.004     0.010L      1.80       375       8.
29 07 75 1145              .3           0.250     0.038    0.11       1.70      0.003     0.010L      2.00       465       1.
26 08 75 1145              .3
30 09 75 1200              .3           0.028     0.005    0.01 L     0.70      0.002     0.010L      1.30       440      14.
28 10 75 1430              .3           0.020     0.001    0.01 L     0.68      0.003     0.010L      0.90       410       5.
25 11 75 1210              .3           0.017     0.003    0.01 L     0.96      0.003     0.010L      1.00       390       5.
23 12 75 1300              .3           0.015     0.002    0.05       1.20      0.005     0.020       1.00       400       6.


                    MAXIMUM             0.250     0.038    0.11       1.70      0.005     0.020       2.00       465      14.
            AVG OR GEOM MN (*)          0.080     0.016    0.03 D     1.07      0.004     0.011D      1.37       402       6.
                    MINIMUM             0.015     0.001    0.01       0.68      0.002     0.010       0.90       335       1.

               NO OF SAMPLES                7         7         7         7          7          7         7         7         7


                                           59         5         6         7        107         67        66        45        47         41
SAMP DTE HOUR  STN  STN SAMP  PJ     SULPHATE     TOTAL     SUSP.     DISS.      DISS.    PTSSIUM    SODIUM     TOT C   ORGANIC        COD
DY MO YR LMT   DIST BRG DEPTH                    SOLIDS    SOLIDS    SOLIDS     SOLIDS          K        NA      AS C    C AS C
               FEET       MTRS           MG/L      MG/L      MG/L      MG/L       MG/L       MG/L      MG/L      MG/L      MG/L       MG/L

27 05 75 1230              .3                      223.        5.                  218
26 06 75 1205              .3                      248.        4.                  244
29 07 75 1145              .3                      518.        4.       514
30 09 75 1200              .3                      308.        5.       303
28 10 75 1430              .3                      275.        2.       273
25 11 75 1210              .3                      254.        1.       253
23 12 75 1300              .3                      264.        4.                  260


                    MAXIMUM                        518.        5.       514        260
            AVG OR GEOM MN (*)                     298.        3.       336        241
                    MINIMUM                        223.        1.       253        218

               NO OF SAMPLES                          7         7         4          3
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SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: SAWGUIN CREEK
SAMPLE POINT: AT COUNTY ROAD 28
STATION TYPE: RIVER

STATION ID: 17-0016-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: SAWGUIN CREEK

STORET CODE: 02
004
1400

STN NO 1 LAT LONG U.T.M. 18 0308250.0 4885900.0 4 REGION 04 MILEAGE 5.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
27 05 75 1135			.3		36904	6 8		80.	10. L	10.		24.0	5.5	3.0
26 06 75 1115			.3		36913	6 8		30.	8.	8.		25.0	5.5	0.8
29 07 75 1120			.3		36921	6 8		1100.	10. L	10. L		24.5	7.0	5.5
26 08 75 1120			.3		36930	6 8		160.	32.	4.		24.0	7.0	
30 09 75 1130			.3		36938	6 8		110.	4.	4.		15.0	8.5	1.4
28 10 75 1410			.3		36946	6		30.	10.	10. L		8.0	5.0	0.8
25 11 75 1100			.3		36954	6						11.0	5.0	1.8
23 12 75 1230			.3		36962	4						10.0	4.0	1.0
MAXIMUM								1100.	32.	10.		25.0	8.5	5.5
AVG OR GEOM MN (*)								106.*	10.* D	7.* D		17.7	5.9	2.0
MINIMUM								30.	4.	4.		8.0	4.0	0.8
NO OF SAMPLES								6	6	6		8	8	7

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
27 05 75 1135			.3		0.420	0.200	0.14	1.50	0.005	0.010L	1.40	420	9.	
26 06 75 1115			.3		0.250	0.110	0.09	1.20	0.012	0.010L	1.60	380	8.	
29 07 75 1120			.3		0.086	0.030	0.05	1.60	0.005	0.010	1.60	305	1.	
26 08 75 1120			.3											
30 09 75 1130			.3		0.088	0.014	0.07	1.46	0.007	0.010L	1.20	350	14.	
28 10 75 1410			.3		0.072	0.011	0.03	0.82	0.003	0.010L	1.10	445	28.	
25 11 75 1100			.3		0.071	0.012	0.37	1.70	0.012	0.070	2.70	560	40.	
23 12 75 1230			.3		0.047	0.012	0.25	1.30	0.088	1.400	1.10	540	14.	
MAXIMUM					0.420	0.200	0.37	1.70	0.088	1.400	2.70	560	40.	
AVG OR GEOM MN (*)					0.148	0.056	0.14	1.37	0.019	0.217D	1.53	429	16.	
MINIMUM					0.047	0.011	0.03	0.82	0.003	0.010	1.10	305	1.	
NO OF SAMPLES					7	7	7	7	7	7	7	7	7	

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
27 05 75 1135			.3			300.	9.	291						
26 06 75 1115			.3			247.	5.		242					
29 07 75 1120			.3			206.	8.		198					
30 09 75 1130			.3			232.	4.		228					
28 10 75 1410			.3			295.	5.	290						
25 11 75 1100			.3			362.	4.	358						
23 12 75 1230			.3			391.	3.	388						
MAXIMUM						391.	9.	388	242					
AVG OR GEOM MN (*)						290.	5.	332	223					
MINIMUM						206.	3.	290	198					
NO OF SAMPLES						7	7	4	3					

SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: TRENT RIVER
SAMPLE POINT: AT DAM, TOWN OF CAMPBELLFORD
STATION TYPE: RIVER

STATION ID: 17-0021-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO 2 LAT LONG U.T.M. 18 0276550.0 4909075.0 4 REGION 03 MILEAGE 31.60

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
29 01 75 1430			.3		19061	6		40.	10. L	10.		0.0	14.1	2.2
18 02 75 1425			.3		19133	4		40.	10. L	10. L		1.8	14.6	1.2
02 04 75 1215			.3		19221	6		10. L	10. L	10. L		2.5	11.1	0.8
13 05 75 1630			.3		19275	6		10. L	10. L	10. L		13.9	12.1	1.2
24 06 75 1550			.3		19399	6		80.	1.	1.		25.5	6.8	1.4
29 10 75 1625			.3		19742	6		10.	10.	10. L		11.8	7.4	1.0
MAXIMUM								80.	10.	10.		25.5	14.6	2.2
AVG OR GEOM MN (*)								22.* D	7.* D	7.* D		9.3	11.0	1.3
MINIMUM								10.	1.	1.		0.0	6.8	0.8
NO OF SAMPLES								6	6	6		6	6	6

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
29 01 75 1430			.3		0.017	0.001	0.01	0.40	0.004	0.170	1.70	215	5.	8.0
18 02 75 1425			.3		0.014	0.003	0.03	0.43	0.004	0.150	1.00	215	5.	7.7
02 04 75 1215			.3		0.023	0.001	0.02	0.42	0.009	0.240	1.80	225	5.	7.8
13 05 75 1630			.3		0.043	0.002	0.01 L	0.45	0.004	0.070	1.70	220	4.	8.1
24 06 75 1550			.3		0.029	0.004	0.03	0.47	0.001L	0.010L	1.70	220	5.	8.2
29 10 75 1625			.3		0.043	0.004	0.04	0.79	0.008	0.050	2.70	225	5.	
MAXIMUM					0.043	0.004	0.04	0.79	0.009	0.240	2.70	225	5.	8.2
AVG OR GEOM MN (*)					0.028	0.003	0.02 D	0.49	0.005D	0.115D	1.77	220	4.	8.0
MINIMUM					0.014	0.001	0.01	0.40	0.001	0.010	1.00	215	4.	7.7
NO OF SAMPLES					6	6	6	6	6	6	6	6	6	5

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
29 01 75 1430			.3		19061	2.	86	104		0.20	10	1. L	0.1L	0.51
18 02 75 1425			.3		19133	2.	86	103		0.05	10	1. L	0.1L	1.40
02 04 75 1215			.3		19221	3.	90	105		0.15	20	1. L	0.1L	1.80
13 05 75 1630			.3		19275	1.	83	100		0.15	20		0.1L	1.50
24 06 75 1550			.3		19399	1.	93	104		0.08	15	1. L	0.1	1.10
MAXIMUM						3.	93	105		0.20	20	1.	0.1	1.80
AVG OR GEOM MN (*)						1.	88	103		0.13	15	1. D	0.1D	1.26
MINIMUM						1.	83	100		0.05	10	1.	0.1	0.51
NO OF SAMPLES						5	5	5		5	5	4	5	5

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B.O.W./ SITE: TRENT RIVER
SAMPLE POINT: AT DAM, TOWN OF CAMPBELLFORD                                          STATION ID:  17-0021-002-02
STATION TYPE: RIVER
                                              MAJOR BASIN: GREAT LAKES                          STORET CODE: 02
                                              MINOR BASIN: LAKE ONTARIO                                      004
                                              TERM STREAM: TRENT RIVER                                       1220
STN NO      2       LAT            LONG       U.T.M. 18 0276550.0 4909075.0 4      REGION 03          MILEAGE   31.60

                                           59          5          6          7        107         67         66         45         47         41
SAMP DTE HOUR  STN  STN SAMP  PJ     SULPHATE      TOTAL      SUSP.      DISS.      DISS.    PTSSIUM     SODIUM      TOT C    ORGANIC        COD
DY MO YR LMT   DIST BRG DEPTH                     SOLIDS     SOLIDS     SOLIDS     SOLIDS          K         NA       AS C     C AS C
               FEET      MTRS            MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L

29 01 75 1430              .3             13.       140.      15. L        125                   1.4       3.70                                30
18 02 75 1425              .3             16.       140.         6.        134                   1.4       3.50                                30
02 04 75 1215              .3             10.       140.         5.        135                   1.4       3.40                               20L
13 05 75 1630              .3             13.       150.         7.        143                   1.1       2.60                               20L
24 06 75 1550              .3             10.       149.         6.                   143        1.1       3.30                               20L


                      MAXIMUM             16.       150.        15.        143        143        1.4       3.70                                30
           AVG OR GEOM MN (*)             12.       143.       7. D        134        143        1.3       3.30                               24D
                      MINIMUM             10.       140.         5.        125        143        1.1       2.60                                20

                NO OF SAMPLES               5          5          5          4          1          5          5                                 5



                                          934        203        265         64         72        221        225        272        215        229
SAMP DTE HOUR  STN  STN SAMP  PJ       SAMPLE      TOTAL      TOTAL                 TOTAL      TOTAL      TOTAL     SIMPLE      TOTAL      TOTAL
DY MO YR LMT   DIST BRG DEPTH              NO   ALUMINUM    ARSENIC    CALCIUM    CALCIUM   CHROMIUM     COPPER    CYANIDE    CADMIUM       LEAD
               FEET      MTRS                       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L

29 01 75 1430              .3           19061       0.17                  35.0                            0.05 L
18 02 75 1425              .3           19133     0.04 L                  35.0                            0.05 L
02 04 75 1215              .3           19221       0.17                  37.0                              0.05
13 05 75 1630              .3           19275     0.02 L                  35.0                            0.03 L
24 06 75 1550              .3           19399       0.04                  37.0                            0.05 L


                      MAXIMUM                       0.17                  37.0                              0.05
           AVG OR GEOM MN (*)                     0.09 D                  35.8                            0.05 D
                      MINIMUM                       0.02                  35.0                              0.03

                NO OF SAMPLES                          5                     5                                 5



                                           65         74        200        235        238        249        217        218        219        361
SAMP DTE HOUR  STN  STN SAMP  PJ          MAG  TOT. MAG   MANGNESE      TOTAL      TOTAL      TOTAL      TOTAL     BARIUM   SELENIUM    SOLVENT
DY MO YR LMT   DIST BRG DEPTH          NESIUM     NESIUM         MN    MERCURY     NICKEL       ZINC     COBALT       MG/L       MG/L   EXTRBLES
               FEET      MTRS            MG/L       MG/L       MG/L       UG/L       MG/L       MG/L       MG/L                             MG/L

29 01 75 1430              .3             4.0                0.04 L                0.07 L     0.050L
18 02 75 1425              .3             4.0                0.04 L                0.07 L     0.020L
02 04 75 1215              .3             3.0                0.04 L                0.07 L      0.060
13 05 75 1630              .3             3.0                  0.02                0.04 L     0.030L
24 06 75 1550              .3             3.0                  0.04                0.07 L     0.050L


                      MAXIMUM             4.0                  0.04                  0.07      0.060
           AVG OR GEOM MN (*)             3.4                0.04 D                0.06 D     0.042D
                      MINIMUM             3.0                  0.02                  0.04      0.020

                NO OF SAMPLES               5                     5                     5          5
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SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: CROWE RIVER
SAMPLE POINT: HIGHWAY 7, MARMORA
STATION TYPE: RIVER

STATION ID: 17-0021-003-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO 3 LAT LONG U.T.M. 18 0286450.0 4928650.0 4 REGION 04 MILEAGE 47.10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
13 01 75 1020			.3		25004	6	643.	92.	1.	12.		0.0	13.0	1.2
19 02 75 1000			.3		25008	6	433.	4.	1.	1.		0.0	14.0	0.8
16 04 75 1000			.3		25017	6	1320.	1.	1.	1.		3.0	13.0	0.4
26 05 75 1005			.3		25022	6 9	770.	250.	1.	1.		22.0	9.0	0.8
24 06 75 1050			.3		25027	6	448.	150.	8.	1.		25.2	9.0	0.8
29 07 75 1115			.3		25032	6	104.	130.	10. L	10. L		23.0	8.0	0.6
29 09 75 0935			.3		25037	6		40.	8.	72.		15.0		1.0
21 10 75 0940			.3		25042	6	137.	40.	20.	16.		10.0		0.6
17 12 75 0955			.3		25047	6	410.	160.	40.	160.		0.0		1.6
MAXIMUM							1320.	250.	40.	160.		25.2	14.0	1.6
AVG OR GEOM MN (*)							533.	43.*	4.* D	7.* D		10.9	11.0	0.9
MINIMUM							104.	1.	1.	1.		0.0	8.0	0.4
NO OF SAMPLES							8	9	9	9		9	6	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
13 01 75 1020			.3		0.058	0.003	0.02	0.62	0.003	0.030	0.80	190	3.	7.8
19 02 75 1000			.3		0.012	0.003	0.03	0.46	0.005	0.220	3.90	190	3.	7.5
16 04 75 1000			.3		0.010	0.003	0.03	0.30	0.003	0.110	1.00	175	3.	8.1
26 05 75 1005			.3		0.020	0.007	0.02	0.42	0.003	0.020	1.50	150	2.	7.8
24 06 75 1050			.3		0.017	0.003	0.01	0.36	0.003	0.010L	1.00	160	2.	8.0
29 07 75 1115			.3		0.012	0.010	0.01	0.36	0.001	0.010	1.80	150	2.	8.0
29 09 75 0935			.3		0.015	0.001	0.01 L	0.37	0.001	0.010L	0.91	185	2.	8.0
21 10 75 0940			.3		0.014	0.002	0.01	0.39	0.003	0.010L	1.10	165	2.	7.8
17 12 75 0955			.3		0.012	0.006	0.01 L	0.35	0.002	0.020	0.85	190	2.	7.9
MAXIMUM					0.058	0.010	0.03	0.62	0.005	0.220	3.90	190	3.	8.1
AVG OR GEOM MN (*)					0.019	0.004	0.02 D	0.40	0.003	0.049D	1.43	173	2.	7.9
MINIMUM					0.010	0.001	0.01	0.30	0.001	0.010	0.80	150	2.	7.5
NO OF SAMPLES					9	9	9	9	9	9	9	9	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
13 01 75 1020			.3		25004	5.	75	88		0.15	15	1. L	0.1L	1.73
19 02 75 1000			.3		25008	3.	73	88		0.20	15	1. L	0.1	1.80
16 04 75 1000			.3		25017	2.	69	84		0.65	20	1. L	0.1L	2.20
26 05 75 1005			.3		25022	3.	62	70		0.15	30	1.	0.1L	1.20
24 06 75 1050			.3		25027	2.	70	79		0.12	20	1. L	0.1	1.40
29 07 75 1115			.3		25032	2.	63		75.	0.10	15	1. L	0.1	1.20
29 09 75 0935			.3		25037	2.	65		70.	0.12	15	1.	0.2	1.80
21 10 75 0940			.3		25042	2.	64		72.	0.05L	10	1.	0.1	2.20
17 12 75 0955			.3		25047	1.	71		88.	0.05	5			
MAXIMUM						5.	75	88	88.	0.65	30	1.	0.2	2.20
AVG OR GEOM MN (*)						2.	68	82	76.	0.18D	16	1. D	0.1D	1.69
MINIMUM						1.	62	70	70.	0.05	5	1.	0.1	1.20
NO OF SAMPLES						9	9	5	4	9	9	8	8	8

CONT'D

B.O.W./ SITE: CROWE RIVER
SAMPLE POINT: HIGHWAY 7, MARMORA
STATION TYPE: RIVER

STATION ID: 17-0021-003-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO 3 LAT LONG U.T.M. 18 0286450.0 4928650.0 4 REGION 04 MILEAGE 47.10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
13 01 75	1020			.3		13.	138.	15. L		123	1.1	2.00			20L
19 02 75	1000			.3		13.	130.	6.		124	1.4	3.80			20
16 04 75	1000			.3		11.	182.	7.		175	1.2	2.10			20L
26 05 75	1005			.3		2.	100.	2.		98	1.1	1.70			20L
24 06 75	1050			.3		11.	106.	2.		104	1.1	2.00			20L
29 07 75	1115			.3		11.	98.	2.		96	0.9	1.80			20L
29 09 75	0935			.3		9.	122.	2.		120	1.0	1.80			49
21 10 75	0940			.3		13.	86.	2.		84	1.1	1.90			16
17 12 75	0955			.3			125.	1.		124					
MAXIMUM						13.	182.	15.		175	1.4	3.80			49
AVG OR GEOM MN (*)						10.	120.	4. D		116	1.1	2.14			23D
MINIMUM						2.	86.	1.		84	0.9	1.70			16
NO OF SAMPLES						8	9	9		9	8	8			8

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	203 TOTAL ALUMINUM MG/L	265 TOTAL ARSENIC MG/L	64 CALCIUM MG/L	72 TOTAL CALCIUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	272 SIMPLE CYANIDE MG/L	215 TOTAL CADMIUM MG/L	229 TOTAL LEAD MG/L
13 01 75	1020			.3		25004	0.04 L		31.0			0.05 L			
19 02 75	1000			.3		25008	4.00		29.0			0.05 L			
16 04 75	1000			.3		25017	0.16		28.0			0.05 L			
26 05 75	1005			.3		25022	0.04		24.8			0.03 L			
24 06 75	1050			.3		25027			28.0						
29 07 75	1115			.3		25032	0.04			25.0		0.03 L			
29 09 75	0935			.3		25037	0.03 L			23.0		0.03 L			
21 10 75	0940			.3		25042	0.08			24.0		0.03 L			
MAXIMUM							4.00		31.0	25.0		0.05			
AVG OR GEOM MN (*)							0.63 D		28.2	24.0		0.04 D			
MINIMUM							0.03		24.8	23.0		0.03			
NO OF SAMPLES							7		5	3		7			

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	65 MAG NESIUM MG/L	74 TOT. MAG NESIUM MG/L	200 MANGNESE MN MG/L	235 TOTAL MERCURY UG/L	238 TOTAL NICKEL MG/L	249 TOTAL ZINC MG/L	217 TOTAL COBALT MG/L	218 BARIUM MG/L	219 SELENIUM MG/L	361 SOLVENT EXTRBLES MG/L
13 01 75	1020			.3		3.0		0.04 L		0.07 L	0.050L				
19 02 75	1000			.3		4.0		0.04 L		0.02 L	0.020L				
16 04 75	1000			.3		14.0		0.07		0.05 L	0.050L				
26 05 75	1005			.3		2.0		0.04		0.10	0.040				
24 06 75	1050			.3		2.0									
29 07 75	1115			.3			2.90	0.03		0.04 L	0.030L				
29 09 75	0935			.3			3.10	0.03		0.02 L	0.030L				
21 10 75	0940			.3			3.00	0.04 L		0.02 L	0.030L				
MAXIMUM						14.0	3.10	0.07		0.10	0.050				
AVG OR GEOM MN (*)						5.0	3.00	0.04 D		0.05 D	0.036D				
MINIMUM						2.0	2.90	0.03		0.02	0.020				
NO OF SAMPLES						5	3	7		7	7				

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SAMPLE INFORMATION SYSTEM        STATION SUMMARY REPORT - RIVER BASINS                        DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: TRENT RIVER                                                                     STATION ID:  17-0021-004-02
 SAMPLE POINT: AT HIGH-LO COTTAGES DOCK
 STATION TYPE: RIVER                                      MAJOR BASIN: GREAT LAKES                       STORET CODE: 02
                                                          MINOR BASIN: LAKE ONTARIO                                   004
                                                          TERM STREAM: TRENT RIVER                                    1220

STN NO     4       LAT                  LONG               U.T.M. 18 0264400.0 4910450.0 4    REGION 03            MILEAGE   50.20


                                        934       901       444       80        81        84        88       805        3         1
SAMP DTE HOUR  STN  STN SAMP  PJ      SAMPLE       SCD  FLOW CFS     TOTAL     FECAL      M.F.    PSEUD.    WATER     DISS.    5-DAY
DY MO YR LMT   DIST BRG DEPTH             NO                      COLIFORM  COLIFORM    ENTER.       MPA    TEMP.        O2      BOD
               FEET       MTRS                                    MF/100ML  MF/100ML  MF/100ML  MF/100ML    DEG C      MG/L     MG/L

30 10 75 1135               .3        19746    6                  412.      56.       1.                    10.0      9.2       2.8


                           MAXIMUM                                412.      56.       1.                    10.0      9.2       2.8
                AVG OR GEOM MN (*)                                412.*     56.*      1.*                   10.0      9.2       2.8
                           MINIMUM                                412.      56.       1.                    10.0      9.2       2.8

                     NO OF SAMPLES                                    1         1         1                    1         1         1




                                        33        34        19        20        21        22        16        14        56        55
SAMP DTE HOUR  STN  STN SAMP  PJ      TOTAL  FILTERED  FILTERED     TOTAL   NITRITE   NITRATE     TURB.     COND.  CHLORIDE        PH
DY MO YR LMT   DIST BRG DEPTH             P  REACTIVE   AMMONIA  KJELDAHL     NO2-N     NO3-N  FORMAZIN      25C      MG/L    AT LAB
               FEET       MTRS         MG/L    P MG/L      MG/L      MG/L      MG/L      MG/L     UNITS     UMHOS

30 10 75 1135               .3        0.044     0.006     0.04      0.82      0.002     0.010L    3.10      225       6.


                           MAXIMUM    0.044     0.006     0.04      0.82      0.002     0.010     3.10      225       6.
                AVG OR GEOM MN (*)    0.044     0.006     0.04      0.82      0.002     0.010D    3.10      225       6.
                           MINIMUM    0.044     0.006     0.04      0.82      0.002     0.010     3.10      225       6.

                     NO OF SAMPLES        1         1         1         1         1         1         1         1         1
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SAMPLE INFORMATION SYSTEM        STATION SUMMARY REPORT - RIVER BASINS                          DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: TRENT RIVER                                                                          STATION ID:  17-0021-005-02
 SAMPLE POINT: AT DENTS COTTAGES DOCK
 STATION TYPE: RIVER                                           MAJOR BASIN: GREAT LAKES                       STORET CODE: 02
                                                               MINOR BASIN: LAKE ONTARIO                                   004
                                                               TERM STREAM: TRENT RIVER                                    1220

STN NO      5       LAT                  LONG                  U.T.M. 18 0264350.0 4910200.0 4      REGION 03          MILEAGE   50.30

                                          934        901       444        80         81         84         88        805         3          1
SAMP DTE HOUR  STN  STN SAMP  PJ        SAMPLE        SCD  FLOW CFS      TOTAL      FECAL       M.F.     PSEUD.      WATER      DISS.     5-DAY
DY MO YR LMT   DIST BRG DEPTH               NO                       COLIFORM   COLIFORM     ENTER.        MPA      TEMP.         O2        BOD
               FEET      MTRS                                        MF/100ML   MF/100ML   MF/100ML   MF/100ML      DEG C       MG/L       MG/L

30 10 75 1115              .3           19745     6                   72.        4.          4.                    10.0        9.3        2.6


                      MAXIMUM                                         72.        4.          4.                    10.0        9.3        2.6
             AVG OR GEOM MN (*)                                       72.*       4.*         4.*                   10.0        9.3        2.6
                      MINIMUM                                         72.        4.          4.                    10.0        9.3        2.6

                NO OF SAMPLES                                           1          1          1                      1          1          1




                                          33         34        19         20         21         22         16         14         56         55
SAMP DTE HOUR  STN  STN SAMP  PJ        TOTAL  FILTERED  FILTERED      TOTAL    NITRITE    NITRATE      TURB.      COND.   CHLORIDE         PH
DY MO YR LMT   DIST BRG DEPTH               P  REACTIVE   AMMONIA   KJELDAHL      NO2-N      NO3-N   FORMAZIN        25C       MG/L     AT LAB
               FEET      MTRS            MG/L    P MG/L      MG/L       MG/L       MG/L       MG/L      UNITS      UMHOS

30 10 75 1115              .3           0.053     0.015      0.13       0.77      0.007      0.013       3.20        225         6.


                      MAXIMUM           0.053     0.015      0.13       0.77      0.007      0.013       3.20        225         6.
             AVG OR GEOM MN (*)         0.053     0.015      0.13       0.77      0.007      0.013       3.20        225         6.
                      MINIMUM           0.053     0.015      0.13       0.77      0.007      0.013       3.20        225         6.

                NO OF SAMPLES               1         1         1          1          1          1          1          1          1
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SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: INDIAN RIVER STATION ID: 17-0021-006-02
SAMPLE POINT: FIRST ROAD SOUTH OF KEENE
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO 6 LAT LONG U.T.M. 17 0726850.0 4902425.0 4 REGION 03 MILEAGE 63.90

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L
14 01 75 1320			.3		22506	4		290.	12.	92.		1.5		1.0
28 02 75 1155			.3		22518	4		10. L	1.	10. L		1.5		2.8
24 03 75 1240			.3		22530	4		100.	40.	80.		2.0		2.8
21 04 75 1245			.3		22542	6 8		20.	10. L	20.		6.5		0.7
15 05 75 1220			.3		22554	6 8		70.	12.	4.		18.5		1.0
26 06 75 1400			.3		22566	5 9		140.	70.	100.		27.0		1.4
30 07 75 1320			.3		22578	0 5 8		920.	590.	90.		27.0		1.0
03 09 75			.3		22590	8 5		1500. L	10. L	20.		21.0		0.4
14 10 75 1320			.3		22602	8 5		800.	30.	8.		16.0		1.0
13 11 75 1350			.3		22614	6 8		300.	1.	4.		9.0		0.6
15 12 75 1135			.3		22626	4		1200.	100.	128.		2.0		0.8
MAXIMUM								1500.	590.	128.		27.0		2.8
AVG OR GEOM MN (*)								202.* D	18.* D	26.* D		12.0		1.2
MINIMUM								10.	1.	4.		1.5		0.4
NO OF SAMPLES								11	11	11		11		11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
14 01 75 1320			.3		0.025	0.006	0.05	0.62	0.008	0.240	1.30	427	9.	
28 02 75 1155			.3		0.210	0.120	0.75	1.80	0.026	1.100	4.30	290	10.	
24 03 75 1240			.3		0.280	0.005	0.02	2.30	0.011	0.430	35.00	293	8.	
21 04 75 1245			.3		0.022	0.002	0.01 L	0.41	0.004	0.130	2.10	305	5.	
15 05 75 1220			.3		0.033	0.003	0.01 L	0.55	0.004	0.010L	1.80	340	5.	
26 06 75 1400			.3		0.049	0.006	0.04	0.57	0.002	0.010L	1.80	270	5.	
30 07 75 1320			.3		0.017	0.001	0.01 L	0.57	0.003	0.010	0.80	238	5.	
03 09 75			.3		0.020	0.004	0.01 L	0.39	0.003	0.010L	1.50	225	4.	
14 10 75 1320			.3		0.031	0.001	0.01 L	0.43	0.002	0.010L	3.60	240	4.	
13 11 75 1350			.3		0.013	0.002	0.01 L	0.41	0.002	0.010	1.20	270	5.	
15 12 75 1135			.3		0.011	0.002	0.02	0.82	0.003	0.100	1.00	290	6.	
MAXIMUM					0.280	0.120	0.75	2.30	0.026	1.100	35.00	427	10.	
AVG OR GEOM MN (*)					0.065	0.014	0.09 D	0.81	0.006	0.187D	4.95	290	6.	
MINIMUM					0.011	0.001	0.01	0.39	0.002	0.010	0.80	225	4.	
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	

SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

B.O.W./ SITE: OTONABEE RIVER
SAMPLE POINT: BENSFORTH BRIDGE 8 MILES SOUTH OF PETERBOROUGH
STATION TYPE: RIVER

STATION ID: 17-0021-008-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO 8   LAT   LONG   U.T.M. 17 0717425.0 4898200.0 4   REGION 03   MILEAGE 77.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
14 01 75 1340			.3		22507	4		2100.	840.	48.		1.5		1.0
28 02 75 1315			.3		22519	4		3800.	1160.	110.		1.5		1.0
24 03 75 1305			.3		22531	6 8		580.	110.	70.		2.0		0.6
21 04 75 1305			.3		22543	6 8		700.	170.	30.		6.5		1.1
15 05 75 1245			.3		22555	6 8						16.5		1.4
26 06 75 1415			.3		22567	6 8		2600.	1400.	24.		25.0		1.0
30 07 75 1345			.3		22579	0 6 8		3800.	400.	40.		25.0		1.8
03 09 75			.3		22591	8 6		7600.	3300.	30.		21.0		1.0
14 10 75 1335			.3		22603	8 6		100. L	10. L	10. L		15.0		1.8
13 11 75 1430			.3		22615	6 8		12900.	2500.	520.		9.5		0.8
15 12 75 1150			.3		22627	6 8		18000.	3800.	600. G		2.5		1.0
MAXIMUM								18000.	3800.	600.		25.0		1.8
AVG OR GEOM MN (*)								2373.* D	563.* D	63.* E		11.5		1.1
MINIMUM								100.	10.	10.		1.5		0.6
NO OF SAMPLES								10	10	10		11		11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
14 01 75 1340			.3		0.026	0.001	0.05	0.54	0.005	0.070	1.60	210	5.	
28 02 75 1315			.3		0.038	0.009	0.16	0.58	0.010	0.250	2.80	225	6.	
24 03 75 1305			.3		0.034	0.005	0.09	0.46	0.009	0.310	2.90	222	6.	
21 04 75 1305			.3		0.044	0.002	0.04	0.52	0.005	0.280	2.20	240	6.	
15 05 75 1245			.3		0.018	0.001	0.04	0.44	0.005	0.050	1.90	210	5.	
26 06 75 1415			.3		0.037	0.018	0.15	0.50	0.011	0.090	1.60	215	6.	
30 07 75 1345			.3		0.033	0.003	0.02	0.54	0.011	0.150	1.60	232	7.	
03 09 75			.3		0.041	0.005	0.08	0.59	0.012	0.090	2.40	210	5.	
14 10 75 1335			.3		0.031	0.010	0.16	0.58	0.011	0.100	1.60	210	5.	
13 11 75 1430			.3		0.021	0.005	0.07	0.50	0.005	0.050	1.40	198	4.	
15 12 75 1150			.3		0.021	0.003	0.12	0.53	0.004	0.030	1.00	215	8.	
MAXIMUM					0.044	0.018	0.16	0.59	0.012	0.310	2.90	240	8.	
AVG OR GEOM MN (*)					0.031	0.006	0.09	0.53	0.008	0.134	1.91	217	5.	
MINIMUM					0.018	0.001	0.02	0.44	0.004	0.030	1.00	198	4.	
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	

SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: OTONABEE RIVER STATION ID: 17-0021-011-83
SAMPLE POINT: HIGHWAY 7 PETERBOROUGH
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES STORET CODE: 02
MINOR BASIN: LAKE ONTARIO 004
TERM STREAM: TRENT RIVER 1220

STN NO 11 LAT LONG U.T.M. 17 0714775.0 4907350.0 4 REGION 03 MILEAGE 88.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML		81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
14 01 75 1450			.3		22510	4		20.		4.	28.		2.0		1.0
28 02 75 1520			.3		22522	6 8		100.		1.	8.		2.0		0.6
24 03 75 1420			.3		22534	6 8		1590.		920.	252.		2.0		0.6
21 04 75 1415			.3		22546	3 6 8		2300.		390.	20.		6.5		0.8
15 05 75 1355			.3		22558			172.		40.	8.		17.0		1.4
26 06 75 1530			.3		22570	6 8		52.		24.	8.		26.0		1.4
30 07 75 0950			.3		22582	0 6 8		600.	G	36.	1.		24.0		1.4
03 09 75 1215			.3		22594	8 6		600.	G	56.	8.		20.5		0.8
14 10 75 0955			.3		22606	8 6		380.		32.	4.		16.0		1.2
13 11 75 1030			.3		22618	6 8		410.		20.	16.		10.0		0.8
15 12 75 0950			.3		22630	6 8		440.		148.	212.		3.5		2.0
MAXIMUM								2300.		920.	252.		26.0		2.0
AVG OR GEOM MN (*)								297.*	U	38.*	15.*		11.8		1.1
MINIMUM								20.		1.	1.		2.0		0.6
NO OF SAMPLES								11		11	11		11		11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
14 01 75 1450			.3		0.016	0.001	0.03	0.40	0.004	0.240	2.10	333	17.	
28 02 75 1520			.3		0.019	0.003	0.30	0.36	0.028	0.530	1.20	205	5.	
24 03 75 1420			.3		0.040	0.011	0.08	0.51	0.008	0.510	5.20	345	26.	
21 04 75 1415			.3		0.026	0.003	0.04	0.56	0.006	0.900	2.60	540	32.	
15 05 75 1355			.3		0.014	0.001L	0.01	0.40	0.005	0.050	1.60	205	5.	
26 06 75 1530			.3		0.041	0.020	0.45	0.59	0.003	0.020	1.40	200	5.	
30 07 75 0950			.3		0.025	0.004	0.13	0.49	0.010	0.040	1.50	215	6.	
03 09 75 1215			.3		0.031	0.001	0.02	0.51	0.005	0.010L	2.20	200	4.	
14 10 75 0955			.3		0.047	0.008	0.35	0.96	0.012	0.230	3.90	290	10.	
13 11 75 1030			.3		0.023	0.002	0.01	0.49	0.003	0.030	1.40	190	4.	
15 12 75 0950			.3		0.022	0.003	0.03	0.40	0.004	0.010	3.90	210	11.	
MAXIMUM					0.047	0.020	0.45	0.96	0.028	0.900	5.20	540	32.	
AVG OR GEOM MN (*)					0.028	0.005D	0.13	0.52	0.008	0.234D	2.46	267	11.	
MINIMUM					0.014	0.001	0.01	0.36	0.003	0.010	1.20	190	4.	
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	

SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

B.O.W./ SITE: OTONABEE RIVER
SAMPLE POINT: ROAD TO NASSAU MILLS
STATION TYPE: RIVER

STATION ID: 17-0021-013-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO 13   LAT   LONG   U.T.M. 17 0715650.0 4914400.0 4   REGION 03   MILEAGE 93.10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
14 01 75	0940			.3		22500	3		20.	1.	1.		2.0		0.4
28 02 75	0905			.3		22512	6 8		208.	1.	1.		2.0		0.4
24 03 75	0915			.3		22524	3 6 8		12.	4.	4.		2.0		0.2
21 04 75	0930			.3		22536	3		12.	1.	1.		4.0		0.9
15 05 75	0945			.3		22548	6 8		12.	8.	1.		15.0		1.4
26 06 75	0920			.3		22560	6 8		216.	44.	32.		23.0		1.2
30 07 75	0910			.3		22572	0 6 8		160.	20.	28.		23.5		0.6
03 09 75	0910			.3		22584	8 6		1500. L	4.	4.		17.0		0.8
14 10 75	0910			.3		22596	8 6		200.	1.	1.		14.5		1.0
13 11 75	0940			.3		22608	6 8		300.	1.	4.		9.5		0.4
15 12 75	0910			.3		22620	6 8		100.	4.	60.		4.0		0.8
MAXIMUM									1500.	44.	60.		23.5		1.4
AVG OR GEOM MN (*)									87.* D	3.*	4.*		10.6		0.7
MINIMUM									12.	1.	1.		2.0		0.2
NO OF SAMPLES									11	11	11		11		11

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
14 01 75	0940			.3		0.012	0.001	0.03	0.43	0.003	0.050	1.20	195	4.	
28 02 75	0905			.3		0.016	0.003	0.05	0.39	0.005	0.170	1.00	200	4.	
24 03 75	0915			.3		0.016	0.004	0.07	0.41	0.006	0.240	1.90	205	6.	
21 04 75	0930			.3		0.020	0.001	0.01	0.45	0.005	0.250	3.00	210	5.	
15 05 75	0945			.3		0.017	0.001	0.01	0.41	0.005	0.040	1.40	190	4.	
26 06 75	0920			.3		0.018	0.003	0.03	0.44	0.002	0.010	1.10	200	4.	
30 07 75	0910			.3		0.027	0.001	0.01	0.45	0.002	0.040	1.00	207	5.	
03 09 75	0910			.3		0.028	0.001	0.01 L	0.55	0.002	0.020	2.30	195	4.	
14 10 75	0910			.3		0.015	0.001	0.01 L	0.41	0.002	0.030	1.60	200	4.	
13 11 75	0940			.3		0.020	0.003	0.01	0.40	0.002	0.030	1.30	180	4.	
15 12 75	0910			.3		0.012	0.003	0.03	0.33	0.003	0.030	1.80	190	6.	
MAXIMUM						0.028	0.004	0.07	0.55	0.006	0.250	3.00	210	6.	
AVG OR GEOM MN (*)						0.018	0.002	0.03 D	0.43	0.003	0.083	1.60	197	4.	
MINIMUM						0.012	0.001	0.01	0.33	0.002	0.010	1.00	180	4.	
NO OF SAMPLES						11	11	11	11	11	11	11	11	11	

SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: CLEAR LAKE OUTLET
SAMPLE POINT: HIGHWAY 28 YOUNGS POINT
STATION TYPE: RIVER

STATION ID: 17-0021-016-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO 16 LAT LONG U.T.M. 17 0720025.0 4929525.0 4 REGION 03 MILEAGE 106.60

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
30 01 75 0940			.3		19064	6		100.	1.	1.		0.5	14.1	2.4
19 02 75 1030			.3		19136	6		70.	10.	10.		1.0	13.7	2.6
05 04 75 1130			.3		19224	6		1.	1.	1.		1.5	11.4	0.2
14 05 75 1000			.3		19278	6		1.	1.	1.		12.8	11.2	1.2
25 06 75 1500			.3		19402	6		4.	1.	1.		22.5	7.0	1.2
07 07 75 1038			.3		19458	6		304.	176.	16.		24.0	7.9	1.4
08 08 75 0830			.3		19541	6		68.	4.	8.		17.0	8.2	0.4
28 08 75 1130			.3		19584	6		10. L	1.	1.		21.0	7.6	3.0
10 09 75 0900			.3		19636	6		10.	8.	1.		18.5	8.6	0.8
30 10 75 1245			.3		19747	6		530.	1.	4.		9.4	9.6	1.2
MAXIMUM								530.	176.	16.		24.0	14.1	3.0
AVG OR GEOM MN (*)								22.* D	3.*	2.*		12.8	9.9	1.4
MINIMUM								1.	1.	1.		0.5	7.0	0.2
NO OF SAMPLES								10	10	10		10	10	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
30 01 75 0940			.3		0.027	0.003	0.42	1.40	0.004	0.310	2.70	386	12.	
19 02 75 1030			.3		0.029	0.001	0.45	1.40	0.009	0.690	4.50	475	1.	
05 04 75 1130			.3		0.015	0.002	0.07	0.42	0.004	0.200	1.40	196	5.	
14 05 75 1000			.3		0.015	0.002	0.01	0.29	0.006	0.020	1.40	186	4.	
25 06 75 1500			.3		0.019	0.001	0.02	0.44	0.001	0.010L	1.40	190	4.	
07 07 75 1038			.3		0.050	0.003	0.11	1.20	0.007	0.040	5.30	400	9.	
08 08 75 0830			.3		0.023	0.004	0.03	0.40	0.003	0.010L	1.50	190	4.	
28 08 75 1130			.3		0.016	0.011	0.10	0.70	0.004	0.030	0.80	190		
10 09 75 0900			.3		0.009	0.001	0.02	0.29	0.002	0.020	1.00	380	7.	
30 10 75 1245			.3		0.019	0.007	0.01 L	0.40	0.002	0.010	1.20	185	4.	
MAXIMUM					0.050	0.011	0.45	1.40	0.009	0.690	5.30	475	12.	
AVG OR GEOM MN (*)					0.022	0.004	0.12 D	0.69	0.004	0.134D	2.12	278	5.	
MINIMUM					0.009	0.001	0.01	0.29	0.001	0.010	0.80	185	1.	
NO OF SAMPLES					10	10	10	10	10	10	10	10	9	

SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

B.O.W./ SITE: LOVESICK LAKE OUTLET
SAMPLE POINT: AT HIGHWAY 28 BURLEIGH FALLS
STATION TYPE: RIVER

STATION ID: 17-0021-017-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO 17   LAT   LONG   U.T.M. 15 0721700.0 4937525.0 4   REGION 03   MILEAGE 115.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
30 01 75 1000			.3		19065	6		4.	1.	1.		0.5	13.1	2.0
19 02 75 1048			.3		19137	0 2 0		10. L	10. L	10. L		2.0	13.5	1.2
05 04 75 1200			.3		19225	6		4.	1.	1.		1.5	10.9	0.4
14 05 75 1030			.3		19279	6		4.	1.	1.		15.5	11.8	1.6
25 06 75 0940			.3		19403	6		36.	1.	1.		23.8	6.5	1.4
07 07 75 1105			.3		19459	6		316.	12.	4.		24.8	6.2	0.8
08 08 75 0900			.3		19542	6		48.	4.	4.		17.4	7.4	0.4
28 08 75 1250			.3		19585	6		10. L	1.	12.		20.0	7.7	1.4
10 09 75 0930			.3		19637	6		20.	10. L	60.		18.5	9.9	1.4
30 10 75 1310			.3		19748	6		80.	1.	1.		10.0	9.4	1.2
MAXIMUM								316.	12.	60.		24.8	13.5	2.0
AVG OR GEOM MN (*)								19.* D	2.* D	3.* D		13.4	9.6	1.2
MINIMUM								4.	1.	1.		0.5	6.2	0.4
NO OF SAMPLES								10	10	10		10	10	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
30 01 75 1000			.3		0.011	0.004	0.03	0.29	0.003	0.110	0.83	111	3.	
19 02 75 1048			.3		0.008	0.003	0.02	0.25	0.002	0.130	2.10	90	2.	
05 04 75 1200			.3		0.020	0.001	0.08	0.53	0.004	0.200	1.60	210	5.	
14 05 75 1030			.3		0.025	0.003	0.01	0.40	0.006	0.010L	2.00	185	5.	
25 06 75 0940			.3		0.022	0.002	0.04	0.46	0.001	0.030	1.00	190	4.	
07 07 75 1105			.3		0.036	0.002	0.02	0.46	0.002	0.010	2.80	195	4.	
08 08 75 0900			.3		0.017	0.003	0.03	0.40	0.003	0.010L	1.50	190	4.	
28 08 75 1250			.3		0.021	0.008	0.02	0.51	0.001	0.010L	1.30	165		
10 09 75 0930			.3		0.045	0.001	0.03	0.60	0.002	0.010	1.70	155	4.	
30 10 75 1310			.3		0.020	0.005	0.01	0.41	0.002	0.010	1.20	185	4.	
MAXIMUM					0.045	0.008	0.08	0.60	0.006	0.200	2.80	210	5.	
AVG OR GEOM MN (*)					0.023	0.003	0.03	0.43	0.003	0.053D	1.60	168	3.	
MINIMUM					0.008	0.001	0.01	0.25	0.001	0.010	0.83	90	2.	
NO OF SAMPLES					10	10	10	10	10	10	10	10	9	

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SAMPLE INFORMATION SYSTEM        STATION SUMMARY REPORT - RIVER BASINS                              DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: BUCKHORN LAKE OUTLET                                                                  STATION ID:  17-0021-018-02
 SAMPLE POINT: HIGHWAY 507 BUCKHORN
 STATION TYPE: RIVER                                          MAJOR BASIN: GREAT LAKES                              STORET CODE: 02
                                                              MINOR BASIN: LAKE ONTARIO                                          004
                                                              TERM STREAM: TRENT RIVER                                           1220

STN NO      18        LAT                   LONG              U.T.M. 17 0710850.0 4936725.0 4      REGION 03              MILEAGE  122.80

                                            934       901        444         80         81         84         88        805          3          1
SAMP DTE HOUR  STN  STN SAMP  PJ          SAMPLE        SCD  FLOW CFS      TOTAL      FECAL       M.F.     PSEUD.      WATER       DISS.      5-DAY
DY MO YR LMT   DIST BRG DEPTH                 NC                        COLIFORM   COLIFORM     ENTER.        MPA      TEMP.          O2        BOD
               FEET       MTRS                                          MF/100ML   MF/100ML   MF/100ML   MF/100ML      DEG C        MG/L       MG/L

30 01 75 1040              .3             19067      6                      4.         1.         1.                  0.5        13.2        2.0
19 02 75 1135              .3             19139      6                     10.  L     10.  L     10.  L               2.0        13.7        1.0
05 04 75 1245              .3             19227      6                      1.         1.         1.                  0.9        10.2        0.6
14 05 75 1600              .3             19281      6                     12.         1.         1.                 14.0         9.9        0.6
25 06 75 1100              .3             19405      6                     32.         1.         1.                 23.5         6.7        1.2
09 07 75 1145              .3             19461      6                    164.        20.         8.                 26.0         7.1        0.6
08 08 75 1008              .3             19544      6                     28.         4.         4.                 16.8         7.5        0.6
28 08 75 1340              .3             19587      6                     30.         4.         4.                 23.5         7.9        2.4
10 09 75 1545              .3             19639      6                     60.         1.         4.                 17.0        13.0        2.2
30 10 75 1350              .3             19750      6                    180.         1.         4.                  9.8         9.4        1.2


                      MAXIMUM                                             180.        20.        10.                 26.0        13.7        2.4
           AVG OR GEOM MN (*)                                              22.* D      2.* D      3.* D              13.4         9.9        1.2
                      MINIMUM                                               1.         1.         1.                  0.5         6.7        0.6

                NO OF SAMPLES                                                 10         10         10                   10          10         10



                                             33         34         19         20         21         22         16         14         56         55
SAMP DTE HOUR  STN  STN SAMP  PJ          TOTAL   FILTERED   FILTERED      TOTAL    NITRITE    NITRATE      TURB.      COND.   CHLORIDE         PH
DY MO YR LMT   DIST BRG DEPTH                 P   REACTIVE   AMMONIA    KJELDAHL      NO2-N      NO3-N   FORMAZIN        25C       MG/L     AT LAB
               FEET       MTRS             MG/L     P MG/L       MG/L       MG/L       MG/L       MG/L      UNITS      UMHOS

30 01 75 1040              .3             0.005      0.002      0.02       0.25       0.003      0.110       0.64       110        3.
19 02 75 1135              .3             0.008      0.002      0.03       0.25       0.003      0.130       3.10       110        3.
05 04 75 1245              .3             0.022      0.001      0.07       0.46       0.003      0.200       1.80       215        5.
14 05 75 1600              .3             0.013      0.001      0.01 L     0.31       0.004      0.010L      1.00       136        4.
25 06 75 1100              .3             0.021      0.001L     0.04       0.44       0.001      0.010L      2.30       170        4.
09 07 75 1145              .3             0.032      0.001      0.01       0.44       0.002      0.010       2.10       190        4.
08 08 75 1008              .3             0.021      0.003      0.05       0.39       0.001      0.010L      1.90       190        4.
28 08 75 1340              .3             0.003      0.002      0.03       0.65       0.002      0.060       2.70        58
10 09 75 1545              .3             0.022      0.001      0.03       0.68       0.002      0.010L      1.60       165        1.
30 10 75 1350              .3             0.019      0.002      0.01 L     0.38       0.002      0.010       1.40       190        4.


                      MAXIMUM             0.032      0.003      0.07       0.68       0.004      0.200       3.10       215        5.
           AVG OR GEOM MN (*)             0.017      0.002D     0.03 D     0.43       0.002      0.056D      1.85       153        3.
                      MINIMUM             0.003      0.001      0.01       0.25       0.001      0.010       0.64        58        1.

                NO OF SAMPLES                10         10         10         10         10         10         10         10          9
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SAMPLE INFORMATION SYSTEM　　STATION SUMMARY REPORT - RIVER BASINS　　DATE OF REPORT 28 OCT 77

B.O.W./ SITE: STURGEON LAKE OUTLET
SAMPLE POINT: HIGHWAY 36 BOBCAYGEON
STATION TYPE: RIVER

STATION ID: 17-0021-021-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO 21　LAT　LONG　U.T.M. 17 0694960.0 4934400.0 4　REGION 03　MILEAGE 138.00

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
30 01 75	1120			.3		19068	6		70.	1.	1.		0.5	14.4	2.4
19 02 75	1209			.3		19140	6		10. L	10. L	10. L		3.0	14.2	0.6
05 04 75	1305			.3		19228	6		4.	1.	1.		0.9	10.2	0.2
14 05 75	1630			.3		19282	6		4.	1.	1.		14.0	10.6	0.6
25 06 75	1138			.3		19406	6		8.	1.	1.		23.0	6.5	0.6
09 07 75	1220			.3		19462	6		64.	1.	1.		24.5	7.3	0.4
08 08 75	1035			.3		19545	6		44.	4.	1.		15.8	8.2	0.4
28 08 75	1405			.3		19588	6		30.	1.	1.		18.8	8.8	2.4
11 09 75	0930			.3		19640	6		80.	8.	1.		17.5	11.3	3.2
30 10 75	1420			.3		19751	6		280.	12.	1.		10.2	10.1	0.8
MAXIMUM									280.	12.	10.		24.5	14.4	3.2
AVG OR GEOM MN (*)									26.* D	2.* D	1.* D		12.8	10.2	1.2
MINIMUM									4.	1.	1.		0.5	6.5	0.2
NO OF SAMPLES									10	10	10		10	10	10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
30 01 75	1120			.3		0.039	0.002	0.41	1.40	0.004	0.320	3.30	385	12.	
19 02 75	1208			.3		0.006	0.001	0.03	0.24	0.003	0.130	3.40	108	11.	
05 04 75	1305			.3		0.017	0.002	0.08	0.46	0.003	0.210	1.40	210	5.	
14 05 75	1630			.3		0.012	0.001L	0.01 L	0.34	0.004	0.010L	0.95	131	5.	
25 06 75	1138			.3		0.021	0.001	0.02	0.41	0.001	0.050	1.00	150	4.	
09 07 75	1220			.3		0.024	0.002	0.02	0.36	0.002	0.020	2.50	195	4.	
08 08 75	1035			.3		0.021	0.005	0.05	0.39	0.002	0.010L	1.60	195	4.	
28 08 75	1405			.3		0.028	0.002	0.02	0.58	0.001	0.010L	2.80	155		
11 09 75	0930			.3		0.026	0.001	0.02	0.48	0.001	0.010L	1.90	190	4.	
30 10 75	1420			.3		0.019	0.004	0.01 L	0.42	0.002	0.010	1.30	185	4.	
MAXIMUM						0.039	0.005	0.41	1.40	0.004	0.320	3.40	385	12.	
AVG OR GEOM MN (*)						0.021	0.002D	0.07 D	0.51	0.002	0.078D	2.02	190	5.	
MINIMUM						0.006	0.001	0.01	0.24	0.001	0.010	0.95	108	4.	
NO OF SAMPLES						10	10	10	10	10	10	10	10	9	

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SAMPLE INFORMATION SYSTEM      STATION SUMMARY REPORT - RIVER BASINS                      DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: CAMERON LAKE OUTLET                                                            STATION ID:  17-0021-023-02
 SAMPLE POINT: HIGHWAY 35 FENELON FALLS
 STATION TYPE: RIVER                                    MAJOR BASIN: GREAT LAKES                            STORET CODE: 02
                                                        MINOR BASIN: LAKE ONTARIO                                         004
                                                        TERM STREAM: TRENT RIVER                                          1220

STN NO     23       LAT                LONG                U.T.M. 17 0679725.0 4933625.0 4     REGION 03             MILEAGE  155.00


                                       934       901       444        80        81        84        88       805         3         1
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE       SCD  FLOW CFS     TOTAL     FECAL      M.F.    PSEUD.     WATER     DISS.     5-DAY
DY MO YR LMT   DIST BRG DEPTH           NO                      COLIFORM  COLIFORM    ENTER.       MPA     TEMP.        O2       BOD
               FEET      MTRS                                   MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L

30 01 75 1450             .3         19073         6                10.        1.        1.                  0.0      13.9       1.8
19 02 75 1550             .3         19145         6                10. L      10. L     10. L                6.0      13.7       0.4
05 04 75 1615             .3         19233         6                 4.        1.        1.                  2.0       9.9       0.2
25 06 75 1500             .3         19411         6                60.        1.        1.                 23.1       6.7       0.6
09 07 75 1530             .3         19467         6                48.        4.        4.                 24.0       9.2       1.0
28 08 75 1638             .3         19593         6             13900.     1500. G      8.                 22.8       7.8       0.2
11 09 75 1300             .3         19645         6              3200.      100.       60.                 18.0       9.9       3.2
30 10 75 1638             .3         19756         6               100.       10. L      1.                  9.0      10.3       1.0


                     MAXIMUM                                     13900.     1500.       60.                 24.0      13.9       3.2
          AVG OR GEOM MN (*)                                       92.* D      9.* E     3.* D              13.1      10.2       1.1
                     MINIMUM                                        4.        1.        1.                  0.0       6.7       0.2

               NO OF SAMPLES                                          8         8         8                    8         8         8



                                        33        34        19        20        21        22        16        14        56        55
SAMP DTE HOUR  STN  STN SAMP  PJ     TOTAL  FILTERED  FILTERED     TOTAL   NITRITE   NITRATE     TURB.     COND.  CHLORIDE        PH
DY MO YR LMT   DIST BRG DEPTH            P  REACTIVE   AMMONIA  KJELDAHL     NO2-N     NO3-N  FORMAZIN       25C      MG/L    AT LAB
               FEET      MTRS         MG/L    P MG/L      MG/L      MG/L      MG/L      MG/L     UNITS     UMHOS

30 01 75 1450             .3         0.006     0.003     0.03      0.26     0.003     0.110      0.66       107        3.
19 02 75 1550             .3         0.022     0.002     0.03      0.28     0.003     0.120      1.80       110        3.
05 04 75 1615             .3         0.008     0.001     0.02      0.29     0.002     0.130      1.00       124        3.
25 06 75 1500             .3         0.012     0.001L    0.03      0.35     0.002     0.020      0.80       128        3.
09 07 75 1530             .3         0.037     0.001     0.03      0.51     0.002     0.020      2.20       200        5.
28 08 75 1638             .3         0.011     0.002     0.01      0.29     0.002     0.010L     0.60       122        2.
11 09 75 1300             .3         0.035     0.001     0.02      0.48     0.002     0.030      2.60       195        6.
30 10 75 1638             .3         0.018     0.001     0.01 L    0.36     0.002     0.010      2.00       180        4.


                     MAXIMUM         0.037     0.003     0.03      0.51     0.003     0.130      2.60       200        6.
          AVG OR GEOM MN (*)         0.019     0.002D    0.02 D    0.35     0.002     0.056D     1.46       146        3.
                     MINIMUM         0.006     0.001     0.01      0.26     0.002     0.010      0.60       107        2.

               NO OF SAMPLES             8         8         8         8         8         8         8         8         8
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SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: GULL RIVER
SAMPLE POINT: HIGHWAY 35 COBOCONK
STATION TYPE: RIVER

STATION ID: 17-0021-025-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO 25 LAT LONG U.T.M. 17 0674650.0 4947150.0 4 REGION 03 MILEAGE 166.30

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
30 01 75 1400			.3		19071	6		10.	1.	1.		0.0	14.1	1.6
19 02 75 1348			.3		19143	6		10. L	10. L	10. L		5.0	14.8	1.2
05 04 75 1525			.3		19231	6		4.	1.	1.		1.5	10.5	0.2
15 05 75 1000			.3		19285	6		1.	1.	4.		13.0	11.4	1.6
25 06 75 1408			.3		19409	6		484.	1.	1.		22.8	6.6	0.4
09 07 75 1420			.3		19465	6		644.	12.	1.		24.8	6.8	0.8
08 08 75 1230			.3		19548	6		240.	4.	36.		18.2	8.4	1.4
28 08 75 1545			.3		19591	6		30.	12.	1.		20.0	7.9	0.2
11 09 75 1100			.3		19643	6		80.	4.	1.		17.5	9.2	2.6
30 10 75 1545			.3		19754	6		180.	4.	1.		9.5	9.2	0.8
MAXIMUM								644.	12.	36.		24.8	14.8	2.6
AVG OR GEOM MN (*)								41.* D	3.* D	2.* D		13.2	9.9	1.1
MINIMUM								1.	1.	1.		0.0	6.6	0.2
NO OF SAMPLES								10	10	10		10	10	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
30 01 75 1400			.3		0.012	0.006	0.03	0.26	0.003	0.110	0.69	108	3.	
19 02 75 1348			.3		0.024	0.017	0.02	0.22	0.003	0.150	2.40	76	2.	
05 04 75 1525			.3		0.007	0.001	0.01	0.23	0.002	0.140	1.00	82	7.	
15 05 75 1000			.3		0.020	0.002	0.01	0.21	0.003	0.060	1.40	78	2.	
25 06 75 1408			.3		0.007	0.001L	0.02	0.24	0.002	0.040	0.75	78	2.	
09 07 75 1420			.3		0.036	0.002	0.02	0.50	0.003	0.030	2.40	200	5.	
08 08 75 1230			.3		0.019	0.002	0.04	0.43	0.001	0.010L	1.60	205	4.	
28 08 75 1545			.3		0.010	0.001	0.01 L	0.24	0.001	0.010L	0.80	65	1.	
11 09 75 1100			.3		0.046	0.001	0.04	0.64	0.001	0.030	4.50	190	4.	
30 10 75 1545			.3		0.017	0.002	0.01 L	0.33	0.003	0.010	1.20	180	3.	
MAXIMUM					0.046	0.017	0.04	0.64	0.003	0.150	4.50	205	7.	
AVG OR GEOM MN (*)					0.020	0.004D	0.02 D	0.33	0.002	0.059D	1.67	126	3.	
MINIMUM					0.007	0.001	0.01	0.21	0.001	0.010	0.69	65	1.	
NO OF SAMPLES					10	10	10	10	10	10	10	10	10	

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SAMPLE INFORMATION SYSTEM        STATION SUMMARY REPORT - RIVER BASINS                 DATE OF REPORT  28 OCT 77

B.O.W./ SITE: CAVAN CREEK                                                              STATION ID:  17-0021-030-02
SAMPLE POINT: FIRST CONCESSION NORTH OF FRASERVILLE
STATION TYPE: RIVER                                  MAJOR BASIN: GREAT LAKES                       STORET CODE: 02
                                                     MINOR BASIN: LAKE ONTARIO                                   004
                                                     TERM STREAM: TRENT RIVER                                    1220

STN NO     30       LAT                LONG            U.T.M. 17 0710660.0 4899925.0 4      REGION 03          MILEAGE  85.10


                                        934      901      444       80         81         84         88        805          3          1
SAMP DTE HOUR  STN  STN SAMP  PJ     SAMPLE      SCD FLOW CFS    TOTAL      FECAL       M.F.     PSEUD.      WATER      DISS.      5-DAY
DY MO YR LMT   DIST BRG DEPTH            NO                   COLIFORM   COLIFORM     ENTER.        MPA      TEMP.         O2        BOD
               FEET      MTRS                                 MF/100ML   MF/100ML   MF/100ML   MF/100ML      DEG C       MG/L       MG/L

14 01 75 1430                 .3      22509  4                    270.        28.       120.                    1.5                   1.8
28 02 75 1420                 .3      22521  4                     30.        10. L      10. L                  1.0                   5.0
24 03 75 1355                 .3      22533  3                     48.        20.        64.                    2.0                   0.8
21 04 75 1350                 .3      22545  3                     32.         4.         4.                    7.0                   0.7
15 05 75 1335                 .3      22557                        20.        16.         1.                   19.0                   1.2
26 06 75 1505                 .3      22569  6 8                  124.        60.        56.                   27.0                   1.2
30 07 75 1425                 .3      22581  0 6 8                100.        92.         1.                   28.0                   1.4
03 09 75 1450                 .3      22593  8 6                  200.       260.        20.                   22.0                   0.3
14 10 75 1415                 .3      22605  8 6                  220.       110.       236.                   15.0                   1.4
13 11 75 1510                 .3      22617  6 8                  220.        80.        80.                    9.0                   0.8
15 12 75 1250                 .3      22629  3 6 8              11000.      1200.      1500. G                  2.0                   1.2


                         MAXIMUM                                11000.      1200.      1500.                   28.0                   5.0
              AVG OR GEOM MN (*)                                  137.*       50.* D     28.* E                12.1                   1.4
                         MINIMUM                                   20.         4.         1.                    1.0                   0.3

                   NO OF SAMPLES                                    11         11         11                     11                    11



                                     33         34         19         20         21         22         16         14         56         55
SAMP DTE HOUR  STN  STN SAMP  PJ  TOTAL   FILTERED   FILTERED      TOTAL    NITRITE    NITRATE      TURB.      COND.   CHLORIDE         PH
DY MO YR LMT   DIST BRG DEPTH         P   REACTIVE    AMMONIA   KJELDAHL      NO2-N      NO3-N   FORMAZIN        25C       MG/L     AT LAB
               FEET      MTRS      MG/L     P MG/L       MG/L       MG/L       MG/L       MG/L      UNITS      UMHOS

14 01 75 1430                 .3  0.061      0.008      0.04       0.74       0.008      0.430       7.60        485        15.
28 02 75 1420                 .3  0.900      0.011      0.08       3.80       0.014      0.670     130.00        330         9.
24 03 75 1355                 .3  0.072      0.016      0.06       0.60       0.010      0.660       9.40        329         9.
21 04 75 1350                 .3  0.038      0.006      0.01       0.48       0.005      0.510       2.80        367         9.
15 05 75 1335                 .3  0.011      0.001      0.01 L     0.35       0.005      0.020       2.90        425        10.
26 06 75 1505                 .3  0.058      0.030      0.04       0.46       0.008      0.070       4.80        380         8.
30 07 75 1425                 .3  0.048      0.005      0.03       0.63       0.004      0.020       4.80        383         9.
03 09 75 1450                 .3  0.031      0.005      0.01 L     0.44       0.006      0.070       4.30        375         7.
14 10 75 1415                 .3  0.021      0.002      0.01 L     0.40       0.003      0.080       4.10        410         8.
13 11 75 1510                 .3  0.016      0.005      0.01       0.42       0.003      0.230       2.80        450        12.
15 12 75 1250                 .3  0.160      0.021      0.07       0.84       0.008      0.650      35.00        430        22.


                         MAXIMUM  0.900      0.030      0.08       3.80       0.014      0.670     130.00        485        22.
              AVG OR GEOM MN (*)  0.129      0.010      0.03 D     0.83       0.007      0.310      18.96        397        10.
                         MINIMUM  0.011      0.001      0.01       0.35       0.003      0.020       2.80        329         7.

                   NO OF SAMPLES     11         11         11         11         11         11         11         11         11
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SAMPLE INFORMATION SYSTEM

STATION SUMMARY REPORT - RIVER BASINS

DATE OF REPORT 28 OCT 77

B.O.W./ SITE: GULL LAKE OUTLET
SAMPLE POINT: HIGHWAY 35 MOORE FALLS
STATION TYPE: RIVER

STATION ID: 17-0021-032-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO 32 LAT LONG

U.T.M. 17 0673800.0 4963525.0 4 REGION 03 MILEAGE 179.60

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
08 04 75	1225			.3		20204	6		1.	1.	1.		3.0	13.2	
13 05 75	1355			.3		20211	6		1.	1.	1.		12.0	12.0	0.4
16 06 75	1235			.3		20218	6		4.	1.	1.		19.0	8.0	0.6
09 07 75	1200			.3		20225	6		12.	1.	1.		25.5	8.0	1.4
27 08 75	1220			.3		20232	6		24.	8.	1.		23.0	10.0	0.6
	1330			.3		20233	6		20.	1.	1.		23.0	10.0	0.4
29 09 75	1220			.3		20239	6		1.	1.	1.		16.5	7.0	0.4
03 11 75	1330			.3		20246	6		4.	1.	1.		12.0	8.0	0.6
09 12 75				.3		20253			4.	1.	1.				1.2
MAXIMUM									24.	8.	1.		25.5	13.2	1.4
AVG OR GEOM MN (*)									4.*	1.*	1.*		16.8	9.5	0.7
MINIMUM									1.	1.	1.		3.0	7.0	0.4
NO OF SAMPLES									9	9	9		8	8	8

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
08 04 75	1225			.3		0.009	0.002	0.01	0.28	0.001	0.180	1.10	62	1.	
13 05 75	1355			.3		0.006	0.001	0.01 L	0.22	0.002	0.070	0.66	68	2.	
16 06 75	1235			.3		0.010	0.001	0.01	0.23	0.002	0.060	1.00	70	2.	
09 07 75	1200			.3		0.003	0.001L	0.01	0.26	0.002	0.010L	1.00	68	2.	
27 08 75	1220			.3		0.005	0.002	0.01	0.27	0.002	0.010L	0.65	61	1.	
	1330			.3		0.005	0.001	0.01	0.26	0.001	0.010L	0.70	78	2.	
29 09 75	1220			.3		0.005	0.002	0.01 L	0.22	0.002	0.010	0.70	65	1.	
03 11 75	1330			.3		0.006	0.001	0.01	0.24	0.003	0.050	0.70	60	1.	
09 12 75				.3		0.015	0.001	0.01	0.20	0.002	0.050	0.90	65	2.	
MAXIMUM						0.015	0.002	0.01	0.28	0.003	0.180	1.10	78	2.	
AVG OR GEOM MN (*)						0.007	0.001D	0.01 D	0.24	0.002	0.050D	0.82	66	1.	
MINIMUM						0.003	0.001	0.01	0.20	0.001	0.010	0.65	60	1.	
NO OF SAMPLES						9	9	9	9	9	9	9	9	9	

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SAMPLE INFORMATION SYSTEM       STATION SUMMARY REPORT - RIVER BASINS                        DATE OF REPORT  28 OCT 77

B.O.W./ SITE: DRAG RIVER                                                                        STATION ID:  17-0021-033-02
SAMPLE POINT: HIGHWAY 519 12 MILES SOUTH WEST OF HALIBURTON
 STATION TYPE: RIVER                                    MAJOR BASIN: GREAT LAKES                               STORET CODE: 02
                                                        MINOR BASIN: LAKE ONTARIO                                           004
                                                        TERM STREAM: TRENT RIVER                                            1220

STN NO    33      LAT               LONG                 U.T.M. 17 0686850.0 4977550.0 4      REGION 03             MILEAGE  196.90

                                     934       901     444         80         81        84        88       805         3         1
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE      SCD   FLOW CFS      TOTAL     FECAL      M.F.    PSEUD.    WATER     DISS.      5-DAY
DY MO YR LMT   DIST BRG DEPTH           NO                      COLIFORM  COLIFORM     ENTER.       MPA    TEMP.        02        BOD
               FEET      MTRS                                   MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L       MG/L

08 04 75 1155              .3       20205    6                    12.        1.        1.                  3.0      10.5
13 05 75 1430              .3       20212    6                     1.        1.        1.                 12.0      11.0        0.4
16 06 75 1315              .3       20219    6                    68.        1.        8.                 20.0       8.0        3.6
09 07 75 1240              .3       20226    6                    20.        1.        1.                 25.0       8.0        0.8
29 09 75 1255              .3       20240    6                    12.        1.        4.                 16.5       7.0        1.0
03 11 75 1250              .3       20247    6                     1.        1.        1.                 12.0       9.0        0.8
09 12 75                   .3       20254                         40.        1.        4.


                      MAXIMUM                                     68.        1.        8.                 25.0      11.0        3.6
           AVG OR GEOM MN (*)                                     10.*       1.*       2.*                14.8       8.9        1.3
                      MINIMUM                                      1.        1.        1.                  3.0       7.0        0.4

                NO OF SAMPLES                                         7         7         7                   6         6         5




                                      33        34        19        20        21        22        16        14        56        55
SAMP DTE HOUR  STN  STN SAMP  PJ     TOTAL  FILTERED  FILTERED     TOTAL   NITRITE   NITRATE     TURB.     COND.  CHLORIDE        PH
DY MO YR LMT   DIST BRG DEPTH            P  REACTIVE   AMMONIA  KJELDAHL     NO2-N     NO3-N  FORMAZIN       25C      MG/L    AT LAB
               FEET      MTRS         MG/L    P MG/L      MG/L      MG/L      MG/L      MG/L     UNITS     UMHOS

08 04 75 1155              .3       0.012     0.001     0.01      0.30      0.001     0.190      1.40        78       2.
13 05 75 1430              .3       0.006     0.002     0.01      0.25      0.003     0.050      0.56        78       2.
16 06 75 1315              .3       0.011     0.001     0.02      0.45      0.002     0.050      0.70        78       2.
09 07 75 1240              .3       0.010     0.001L    0.03      0.62      0.001     0.010L     1.10        82       3.
29 09 75 1255              .3       0.008     0.001     0.01 L    0.27      0.001     0.010L     0.73        80       2.
03 11 75 1250              .3       0.007     0.003     0.01      0.29      0.003     0.020      0.90        76       2.
09 12 75                   .3


                      MAXIMUM       0.012     0.003     0.03      0.62      0.003     0.190      1.40        82       3.
           AVG OR GEOM MN (*)       0.009     0.002D    0.02 D    0.36      0.002     0.055D     0.90        79       2.
                      MINIMUM       0.006     0.001     0.01      0.25      0.001     0.010      0.56        76       2.

                NO OF SAMPLES           6         6         6         6         6         6         6         6         6
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SAMPLE INFORMATION SYSTEM       STATION SUMMARY REPORT - RIVER BASINS                          DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: TWELVE MILE LAKE OUTLET                                                            STATION ID:  17-0021-035-02
 SAMPLE POINT: HIGHWAY 35 1 MILE NORTH OF ELSIE MINDEN TOWNSHIP
 STATION TYPE: RIVER                                        MAJOR BASIN: GREAT LAKES                                 STORET CODE: 02
                                                            MINOR BASIN: LAKE ONTARIO                                             004
                                                            TERM STREAM: TRENT RIVER                                              1220

STN NO     35       LAT                  LONG               U.T.M. 17 0681050.0 4985525.0 4     REGION 03            MILEAGE  197.90

                                          934       901      444        80         81         84         88         805         3          1
SAMP DTE HOUR  STN  STN SAMP  PJ        SAMPLE       SCD  FLOW CFS     TOTAL      FECAL       M.F.     PSEUD.     WATER      DISS.      5-DAY
DY MO YR LMT   DIST BRG DEPTH               NO                      COLIFORM   COLIFORM     ENTER.        MPA     TEMP.         O2        BOD
               FEET      MTRS                                       MF/100ML   MF/100ML   MF/100ML   MF/100ML     DEG C       MG/L       MG/L

08 04 75 1010              .3           20201     6                   1.         1.         1.                     2.0       12.6
13 05 75 1300              .3           20208     6                   4.         1.         1.                    13.0       11.0        0.4
16 06 75 1110              .3           20215     6                  64.         4.         4.                    19.0        9.0        0.6
09 07 75 1100              .3           20222     6                 324.        84.        12.                    25.0        8.0        0.4
27 08 75 1110              .3           20229     6                  10.  L      4.         1.                    21.0        8.0        0.6
29 09 75 1110              .3           20236     6                   8.         1.         1.                    15.5        7.0        0.6
03 11 75 1130              .3           20243     6                   8.         1.         1.                    12.0        9.0        0.6
09 12 75                   .3           20250                         1.         1.         1.                                           0.8


                       MAXIMUM                                      324.        84.        12.                    25.0       12.6        0.8
            AVG OR GEOM MN (*)                                        9.* D      2.*        2.*                   15.4        9.2        0.6
                       MINIMUM                                        1.         1.         1.                     2.0        7.0        0.4

                 NO OF SAMPLES                                         8          8          8                      7          7          7




                                          33        34        19        20         21         22         16         14         56         55
SAMP DTE HOUR  STN  STN SAMP  PJ        TOTAL  FILTERED  FILTERED     TOTAL    NITRITE    NITRATE      TURB.      COND.   CHLORIDE         PH
DY MO YR LMT   DIST BRG DEPTH               P  REACTIVE   AMMONIA  KJELDAHL      NO2-N      NO3-N   FORMAZIN       25C       MG/L     AT LAB
               FEET      MTRS            MG/L    P MG/L      MG/L      MG/L       MG/L       MG/L      UNITS     UMHOS

08 04 75 1010              .3           0.012     0.004     0.02       0.23      0.001      0.210       1.50        53         1.
13 05 75 1300              .3           0.005     0.001     0.01 L     0.20      0.003      0.070       0.75        52         2.
16 06 75 1110              .3           0.008     0.001     0.01 L     0.21      0.003      0.100       0.55        54         1.
09 07 75 1100              .3           0.003     0.003     0.02       0.21      0.002      0.010L      1.40        54         2.
27 08 75 1110              .3           0.004     0.001     0.03       0.26      0.002      0.010L      0.80        61         1.
29 09 75 1110              .3           0.006     0.002     0.01       0.21      0.002      0.020       0.66        50         1.
03 11 75 1130              .3           0.007     0.006     0.01       0.25      0.003      0.050       0.70        52         1.
09 12 75                   .3           0.004     0.001     0.01       0.20      0.002      0.050       0.80        52         2.


                       MAXIMUM          0.012     0.006     0.03       0.26      0.003      0.210       1.50        61         2.
            AVG OR GEOM MN (*)          0.006     0.002     0.02 D     0.22      0.002      0.065D      0.90        54         1.
                       MINIMUM          0.003     0.001     0.01       0.20      0.001      0.010       0.55        50         1.

                 NO OF SAMPLES              8         8         8         8          8          8          8         8          8
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SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

B.O.W./ SITE: GULL RIVER
SAMPLE POINT: HIGHWAY 35 NORTH OF CARNARVON
STATION TYPE: RIVER

STATION ID: 17-0021-036-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO   36   LAT   LONG   U.T.M. 17 0679800.0 4993100.0 4   REGION 03   MILEAGE 203.30

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
08 04 75 1000			.3		20200	6		8.	1.	1.		2.5	12.3	
13 05 75 1150			.3		20207	6		1.	1.	1.		13.0	7.0	0.6
16 06 75 1050			.3		20214	6		20.	1.	12.		19.0	9.0	1.0
09 07 75 1040			.3		20221	6		8.	4.	1.		25.0	7.0	1.0
27 08 75 1055			.3		20228	6		10.	1.	1.		21.5	9.0	0.6
29 09 75 1055			.3		20235	6		40.	8.	1.		15.0	8.0	0.6
03 11 75 1110			.3		20242	6		1.	1.	1.		12.0	9.0	0.8
09 12 75			.3		20249			1.	1.	1.				1.4
MAXIMUM								40.	8.	12.		25.0	12.3	1.4
AVG OR GEOM MN (*)								5.*	2.*	1.*		15.4	8.8	0.9
MINIMUM								1.	1.	1.		2.5	7.0	0.6
NO OF SAMPLES								8	8	8		7	7	7

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
08 04 75 1000			.3		0.025	0.009	0.03	0.25	0.002	0.220	1.60	62	1.	
13 05 75 1150			.3		0.018	0.001	0.01	0.25	0.003	0.080	0.85	60	1.	
16 06 75 1050			.3		0.013	0.002	0.01 L	0.24	0.004	0.120	1.00	70	1.	
09 07 75 1040			.3		0.007	0.002	0.02	0.25	0.003	0.010L	1.40	65	1.	
27 08 75 1055			.3		0.005	0.001L	0.02	0.26	0.002	0.010L	0.85	64	1.	
29 09 75 1055			.3		0.007	0.003	0.01	0.23	0.002	0.010	0.72	70	1.	
03 11 75 1110			.3		0.008	0.005	0.01	0.24	0.004	0.060	0.90	76	1.	
09 12 75			.3		0.005	0.001	0.01	0.20	0.002	0.050	1.00	60	2.	
MAXIMUM					0.025	0.009	0.03	0.26	0.004	0.220	1.60	76	2.	
AVG OR GEOM MN (*)					0.011	0.003D	0.02 D	0.24	0.003	0.070D	1.04	66	1.	
MINIMUM					0.005	0.001	0.01	0.20	0.002	0.010	0.72	60	1.	
NO OF SAMPLES					8	8	8	8	8	8	8	8	8	

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SAMPLE INFORMATION SYSTEM        STATION SUMMARY REPORT - RIVER BASINS                           DATE OF REPORT  28 OCT 77

B.O.W./ SITE: HEAD LAKE OUTLET                                                                    STATION ID:   17-0021-037-02
SAMPLE POINT: HIGHWAY 121 HALIBURTON
STATION TYPE: RIVER                                          MAJOR BASIN: GREAT LAKES                       STORET CODE: 02
                                                             MINOR BASIN: LAKE ONTARIO                                   004
                                                             TERM STREAM: TRENT RIVER                                    1220

STN NO     37       LAT                   LONG               U.T.M. 17 0694950.0 4990750.0 4    REGION 03          MILEAGE  207.90

                                            934       901        444        80         81         84        88        805        3          1
SAMP DTE HOUR  STN  STN SAMP  PJ          SAMPLE       SCD  FLOW CFS     TOTAL      FECAL       M.F.    PSEUD.     WATER      DISS.      5-DAY
DY MO YR LMT   DIST BRG DEPTH                 NO                      COLIFORM   COLIFORM     ENTER.       MPA     TEMP.        02        BOD
               FEET       MTRS                                        MF/100ML   MF/100ML   MF/100ML  MF/100ML     DEG C       MG/L       MG/L

08 04 75 1120               .3            20206     6                      24.         1.         1.                2.0        8.7
13 05 75 1500               .3            20213                             4.         1.         1.                                      0.4
16 06 75 1345               .3            20220     6                     340.        20.        24.               20.0        8.0        0.6
09 07 75 1320               .3            20227     6                      48.         8.         4.               26.0        8.0        0.6
27 08 75 1415               .3            20234     6                      90.         1.         1.               23.0       10.0        1.2
29 09 75 1330               .3            20241     6                       4.         1.        36.               16.0        8.0        0.8
03 11 75 1240               .3            20248     6                      24.         8.         4.               11.0        9.0        0.6
09 12 75                    .3            20255                             8.         1.         1.


                     MAXIMUM                                              340.        20.        36.               26.0       10.0        1.2
           AVG OR GEOM MN (*)                                              24.*        2.*        3.*              16.3        8.6        0.7
                     MINIMUM                                                4.         1.         1.                2.0        8.0        0.4

                NO OF SAMPLES                                                8          8          8                 6          6          6



                                          33        34          19          20         21         22         16         14         56           55
SAMP DTE HOUR  STN  STN SAMP  PJ        TOTAL   FILTERED    FILTERED      TOTAL    NITRITE    NITRATE      TURB.      COND.   CHLORIDE           PH
DY MO YR LMT   DIST BRG DEPTH               P   REACTIVE     AMMONIA   KJELDAHL      NO2-N      NO3-N   FORMAZIN       25C       MG/L       AT LAB
               FEET       MTRS           MG/L     P MG/L        MG/L       MG/L       MG/L       MG/L      UNITS     UMHOS

08 04 75 1120               .3          0.013      0.001     0.03          0.27      0.002      0.170       1.90        60         1.
13 05 75 1500               .3          0.010      0.002     0.01          0.26      0.003      0.030       0.95        68         2.
16 06 75 1345               .3          0.011      0.001     0.01          0.32      0.002      0.050       1.50        70         2.
09 07 75 1320               .3          0.010      0.001L    0.01 L        0.28      0.002      0.010L      1.20       410         1.
27 08 75 1415               .3          0.007      0.002     0.01          0.28      0.002      0.010L      1.00        70         1.
29 09 75 1330               .3          0.008      0.001     0.01 L        0.26      0.002      0.010       0.77        75         1.
03 11 75 1240               .3          0.007      0.001     0.01          0.27      0.003      0.040       0.90        70         1.
09 12 75                    .3


                     MAXIMUM            0.013      0.002     0.03          0.32      0.003      0.170       1.90       410         2.
           AVG OR GEOM MN (*)           0.009      0.001D    0.01 D        0.28      0.002      0.046D      1.17       118         1.
                     MINIMUM            0.007      0.001     0.01          0.26      0.002      0.010       0.77        60         1.

                NO OF SAMPLES               7          7        7             7          7          7          7         7          7
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SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

B.O.W./ SITE: JACKSON CREEK
SAMPLE POINT: DALHOUSIE STREET PETERBOROUGH
STATION TYPE: RIVER

STATION ID: 17-0021-038-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO 38   LAT   LONG   U.T.M. 17 0713750.0 4908325.0 4   REGION 03   MILEAGE 90.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
14 01 75 1030			.3		22511	3	66.7	950.	572.	160.		1.5		1.0
28 02 75 0955			.3		22523	3	119.	100.	10. L	10.		1.5		2.6
24 03 75 0950			.3		22535	3	307.	80.	10. L	20.		1.0		1.0
21 04 75 0955			.3		22547	3	363.	740.	10. L	60.		5.5		0.9
15 05 75 1415			.3		22559		20.0	90.	10.	30.		18.0		1.0
26 06 75 1015			.3		22571	6 8	8.0	50100.	1720.	268.		21.0		0.8
30 07 75 1035			.3		22583	0 6 8	11.7	16000.	1000.	200.		20.0		2.0
03 09 75 0920			.3		22595	8 6	5.2	8600.	780.	340.		16.0		0.9
14 10 75 0930			.3		22607	8 6	3.9	8400.	270.	560.		15.0		1.2
13 11 75 1015			.3		22619	6 8	13.6	49000.	90.	40.		8.5		1.8
15 12 75 0930			.3		22631	3 6 8	50.7	1700.	340.	1500. G		3.0		1.8
MAXIMUM							363.	50100.	1720.	1500.		21.0		2.6
AVG OR GEOM MN (*)							88.1	2032.*	118.* D	112.* U		10.1		1.4
MINIMUM							3.9	80.	10.	10.		1.0		0.8
NO OF SAMPLES							11	11	11	11		11		11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
14 01 75 1030			.3		0.045	0.018	0.30	0.98	0.016	0.230	1.50	520	21.	
28 02 75 0955			.3		0.096	0.032	0.04	1.10	0.009	0.190	2.60	360	16.	
24 03 75 0950			.3		0.062	0.015	0.08	0.67	0.011	0.510	3.40	305	10.	
21 04 75 0955			.3		0.048	0.006	0.01	0.64	0.006	0.180	5.50	297	7.	
15 05 75 1415			.3		0.048	0.025	0.01 L	0.75	0.006	0.040	1.00	415	17.	
26 06 75 1015			.3		0.092	0.056	0.03	0.96	0.006	0.200	2.10	430	16.	
30 07 75 1035			.3		0.069	0.033	0.01 L	1.00	0.005	0.090	1.60	410	11.	
03 09 75 0920			.3		0.120	0.045	0.01 L	0.86	0.005	0.290	2.00	445	20.	
14 10 75 0930			.3		0.056	0.032	0.01	0.66	0.019	0.370	0.85	490	24.	
13 11 75 1015			.3		0.032	0.009	0.01 L	0.72	0.004	0.080	1.10	460	12.	
15 12 75 0930			.3		0.110	0.019	0.27	1.00	0.009	0.240	7.50	500	28.	
MAXIMUM					0.120	0.056	0.30	1.10	0.019	0.510	7.50	520	28.	
AVG OR GEOM MN (*)					0.071	0.026	0.07 D	0.85	0.009	0.220	2.65	421	16.	
MINIMUM					0.032	0.006	0.01	0.64	0.004	0.040	0.85	297	7.	
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	

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SAMPLE INFORMATION SYSTEM          STATION SUMMARY REPORT - RIVER BASINS                          DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: NONQUON RIVER
 SAMPLE POINT: AT COUNTY ROAD NO 2 SEAGRAVE                                                      STATION ID:  17-0021-040-02
 STATION TYPE: RIVER
                                                            MAJOR BASIN: GREAT LAKES                            STORET CODE: 02
                                                            MINOR BASIN: LAKE ONTARIO                                        004
                                                            TERM STREAM: TRENT RIVER                                         1220
STN NO     40        LAT                LONG
                                                             U.T.M. 17 0663850.0 4895950.0 4      REGION 03            MILEAGE  180.50

                                        934        901       444         80         81          84          88         805         3           1
SAMP DTE HOUR   STN  STN SAMP  PJ     SAMPLE         SCD  FLOW CFS     TOTAL      FECAL        M.F.      PSEUD.      WATER      DISS.      5-DAY
DY MO YR LMT    DIST BRG DEPTH            NO                        COLIFORM   COLIFORM      ENTER.         MPA      TEMP.         02        BOD
                FEET        MTRS                                    MF/100ML   MF/100ML    MF/100ML    MF/100ML     DEG C       MG/L       MG/L

21 01 75 1630                 .3      20514    4                       150.        10.  L     10.  L                  1.0        7.1        1.2
26 03 75 1400                 .3      20544    4                        30.         1.        20.                     0.8        9.5        1.6
23 04 75 1515                 .3      20561    6 9 3                    90.        20.       110.                     4.9        9.7        1.6
01 06 75 1635                 .3      20577    6                       180.       120.        40.                    23.0        8.1        1.8
22 06 75 1730                 .3      20593    6                       180.        40.        40.                    28.0        7.3        1.4
27 07 75 1345                 .3      20609    6                       420.       380.       120.                    26.0        7.1        1.2
26 08 75 1810                 .3      20624    6                       340.        90.       300.                    23.0        7.0        1.6
01 10 75 1630                 .3      20639    6                      1100.        10.  L     10.  L                 15.0        8.3        1.4
05 11 75 1550                 .3      20655    6                       430.        40.        50.                    13.5                   1.2


                         MAXIMUM                                      1100.       380.       300.                    28.0        9.7        1.8
          AVG OR GEOM MN (*)                                           213.*       29.* D     44.* D                 15.0        8.0        1.4
                         MINIMUM                                        30.         1.        10.                     0.8        7.0        1.2

                 NO OF SAMPLES                                            9           9          9                      9          8          9



                                        33         34         19         20         21          22         16          14         56          55
SAMP DTE HOUR   STN  STN SAMP  PJ     TOTAL   FILTERED   FILTERED      TOTAL    NITRITE     NITRATE      TURB.      COND.   CHLORIDE          PH
DY MO YR LMT    DIST BRG DEPTH            P   REACTIVE   AMMONIA   KJELDAHL     NO2-N       NO3-N   FORMAZIN        25C       MG/L      AT LAB
                FEET        MTRS       MG/L     P MG/L       MG/L       MG/L       MG/L        MG/L      UNITS      UMHOS

21 01 75 1630                 .3      0.042      0.010      0.13       0.70      0.010       0.260       5.00        600        35.
26 03 75 1400                 .3      0.049      0.013      0.03       0.47      0.008       0.450       3.00        314        10.
23 04 75 1515                 .3      0.088      0.009      0.03       0.64      0.011       0.390      23.00        285         7.
01 06 75 1635                 .3      0.090      0.020      0.01 L     0.93      0.007       0.010       8.10        420         2.
22 06 75 1730                 .3      0.062      0.015      0.02       0.76      0.005       0.010L      5.00        370         9.
27 07 75 1345                 .3      0.072      0.018      0.01 L     0.94      0.005       0.010       7.00        365        13.
26 08 75 1810                 .3      0.064      0.009      0.02       0.80      0.003       0.010       3.50        380        12.
01 10 75 1630                 .3      0.058      0.014      0.04       0.80      0.003       0.010L      5.40        470        11.
05 11 75 1550                 .3      0.033      0.006      0.01 L     0.56      0.006       0.010L      2.40        495        12.


                         MAXIMUM      0.090      0.020      0.13       0.94      0.011       0.450      23.00        600        35.
          AVG OR GEOM MN (*)          0.062      0.013      0.03 D     0.73      0.006       0.129D      6.93        411        12.
                         MINIMUM      0.033      0.006      0.01       0.47      0.003       0.010       2.40        285         2.

                 NO OF SAMPLES            9          9          9          9          9           9          9          9          9
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SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

B.O.W./ SITE: SCUGOG RIVER
SAMPLE POINT: DOWNSTREAM FROM LINDSAY LAGOONS
STATION TYPE: RIVER

STATION ID: 17-0021-041-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO 41   LAT   LONG   U.T.M. 17 0678960.0 4918125.0 4   REGION 03   MILEAGE 152.70

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
22 01 75 1000			.3		23951			1700.	400.	50.		0.0	11.0	3.5
19 02 75 1300			.3		23953			4500.	300.	1050.		0.0	9.0	4.8
25 03 75 0900			.3		23955			240.	70.	10.		0.5	10.0	1.2
08 04 75 1100			.3		23957			400.	40.	10. L			12.0	2.3
20 05 75 0945			.3		23959			10.	10. L	10. L		20.0	9.0	4.5
24 06 75 1000			.3		23961			100. L	10. L	10. L		26.0	10.0	3.2
22 07 75 1000			.3		23963			50.	10.	100.		23.0	9.0	4.4
19 08 75 0930			.3		23965			100.	10. L	10. L		21.0	8.0	7.0
16 09 75 1530			.3		23967			100.	10. L	10. L		15.0	11.0	3.4
22 10 75 1000			.3		23969			40.	10. L	10. L		9.0	8.0	2.0
24 11 75 1100			.3		23971							4.0	12.0	2.4
16 12 75 1130			.3		23973							0.5	13.0	
MAXIMUM								4500.	400.	1050.		26.0	13.0	7.0
AVG OR GEOM MN (*)								165.* D	28.* D	24.* D		10.8	10.2	3.5
MINIMUM								10.	10.	10.		0.0	8.0	1.2
NO OF SAMPLES								10	10	10		11	12	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
22 01 75 1000			.3		0.044	0.001L	0.45	1.70	0.004	0.180	3.00	400	13.	
19 02 75 1300			.3		0.082	0.003	0.90	2.10	0.011	0.200	2.90	560	32.	
25 03 75 0900			.3		0.037	0.007	0.12	0.70	0.006	0.440	2.80	336	7.	
08 04 75 1100			.3		0.031	0.001	0.28	1.30	0.004	0.350	6.50	375	13.	
20 05 75 0945			.3		0.150	0.004	0.01	1.40	0.002	0.010L	17.00	300	10.	
24 06 75 1000			.3		0.160	0.004	0.23	1.80	0.006	0.480	6.50	410	17.	
22 07 75 1000			.3		0.180	0.013	0.09	2.00	0.005	0.010	14.00	440	18.	
19 08 75 0930			.3		0.370	0.008	0.30	3.30	0.003	0.010L	16.00	455	25.	
16 09 75 1530			.3		0.095	0.004	0.11	1.60	0.011	0.040	5.50	400	18.	
22 10 75 1000			.3		0.088	0.021	0.41	1.50	0.042	0.450	1.40	495	22.	
24 11 75 1100			.3		0.082	0.001	0.65	1.70	0.033	0.790	3.50	520	24.	
16 12 75 1130			.3											
MAXIMUM					0.370	0.021	0.90	3.30	0.042	0.790	17.00	560	32.	
AVG OR GEOM MN (*)					0.120	0.006D	0.32	1.74	0.012	0.269D	7.19	426	18.	
MINIMUM					0.031	0.001	0.01	0.70	0.002	0.010	1.40	300	7.	
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
22 01 75 1000			.3			275.	15. L		260					
19 02 75 1300			.3			360.	13.	347						
25 03 75 0900			.3			228.	10.		218					
08 04 75 1100			.3			252.	8.		246					
20 05 75 0945			.3			227.	32.		195					
24 06 75 1000			.3			284.	20.	264						
22 07 75 1000			.3			261.	25.		236					
16 09 75 1530			.3			290.	15.		275					
MAXIMUM						360.	32.	347	275					
AVG OR GEOM MN (*)						272.	17. D	306	238					
MINIMUM						227.	8.	264	195					
NO OF SAMPLES						8	8	2	6					

SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

B.O.W./ SITE: SCUGOG RIVER
SAMPLE POINT: HIGHWAY 7 B LINDSAY
STATION TYPE: RIVER

STATION ID: 17-0021-042-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO 42   LAT   LONG   U.T.M. 17 0681050.0·4912150.0 4   REGION 03   MILEAGE 156.60

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
22 01 75	0900			.3		23950			100.	10. L	100. L		0.0	11.0	2.8
19 02 75	1200			.3		23952			120.	10. L	10. L		0.5	7.0	2.6
25 03 75	1000			.3		23954			10. L	10. L	10. L		0.5	10.0	1.0
08 04 75	1200			.3		23956			10.	10. L	10. L			12.0	2.5
20 05 75	1030			.3		23958			60.	10.	10. L		21.5	9.0	2.4
24 06 75	1100			.3		23960			100.	30.	10. L		27.0	8.0	1.8
22 07 75	1100			.3		23962			330.	220.	300.		24.5	8.0	2.2
19 08 75	1030			.3		23964			100.	10.	10. L		22.0	8.0	3.4
16 09 75	1430			.3		23966			100.	10.	20.		15.0	10.0	3.4
22 10 75	1100			.3		23968			200.	100.	140.		9.0	9.0	3.4
24 11 75	1000			.3		23970							4.0	11.0	2.6
16 12 75	1030			.3		23972							0.5	11.0	
MAXIMUM									330.	220.	300.		27.0	12.0	3.4
AVG OR GEOM MN (*)									74.* D	19.* D	25.* D		11.3	9.5	2.6
MINIMUM									10.	10.	10.		0.0	7.0	1.0
NO OF SAMPLES									10	10	10		11	12	11

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
22 01 75	0900			.3		0.030	0.002	0.34	1.50	0.004	0.190	2.90	390	12.	
19 02 75	1200			.3		0.016	0.001L	0.44	1.50	0.008	0.760	2.60	490	18.	
25 03 75	1000			.3		0.048	0.010	0.06	0.65	0.009	0.660	3.30	300	6.	
08 04 75	1200			.3		0.045	0.003	0.29	1.10	0.004	0.270	2.90	400	10.	
20 05 75	1030			.3		0.030	0.004	0.02	1.20	0.001	0.010L	11.00	315	10.	
24 06 75	1100			.3		0.038	0.001	0.11	1.20	0.008	0.060	3.40	415	8.	
22 07 75	1100			.3		0.062	0.007	0.09	1.10	0.003	0.010	10.00	380	10.	
19 08 75	1030			.3		0.076	0.001	0.25	1.40	0.003	0.030	7.00	375	10.	
16 09 75	1430			.3		0.055	0.002	0.01 L	1.30	0.004	0.010L	4.50	355	9.	
22 10 75	1100			.3		0.054	0.003	0.01 L	1.30	0.005	0.010L	2.40	358	9.	
24 11 75	1000			.3		0.030	0.001	0.04	0.94	0.002	0.010L	3.30	470	12.	
16 12 75	1030			.3											
MAXIMUM						0.076	0.010	0.44	1.50	0.009	0.760	11.00	490	18.	
AVG OR GEOM MN (*)						0.044	0.003D	0.15 D	1.20	0.005	0.184D	4.85	386	10.	
MINIMUM						0.016	0.001	0.01	0.65	0.001	0.010	2.40	300	6.	
NO OF SAMPLES						11	11	11	11	11	11	11	11	11	

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
22 01 75	0900			.3			270.	15. L		255					
19 02 75	1200			.3			290.	7.	283						
25 03 75	1000			.3			201.	6.		195					
08 04 75	1200			.3			265.	5.		260					
20 05 75	1030			.3			222.	17.		205					
24 06 75	1100			.3			280.	8.	272						
22 07 75	1100			.3			263.	16.		247					
16 09 75	1430			.3			255.	12.		243					
MAXIMUM							290.	17.	283	260					
AVG OR GEOM MN (*)							255.	10. D	278	234					
MINIMUM							201.	5.	272	195					
NO OF SAMPLES							8	8	2	6					

SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

B.O.W./ SITE: GULL RIVER
SAMPLE POINT: 1-3 MILES DOWNSTREAM FROM MINDEN.
STATION TYPE: RIVER

STATION ID: 17-0021-043-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO 43 LAT LONG U.T.M. 17 0677700.0 4975150.0 4 REGION 03 MILEAGE 187.60

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
08 04 75	1035			.3		20203	6		32.	1.	1.		1.5	12.9	
13 05 75	1335			.3		20210	6		4.	1.	1.		15.0	12.0	0.6
16 06 75	1155			.3		20217	6		128.	40.	20.		19.5	9.0	0.6
09 07 75	1130			.3		20224	6		120.	12.	1.		25.0	7.0	1.4
27 08 75	1150			.3		20231	6		30.	12.	20.		23.0	10.0	0.6
29 09 75	1145			.3		20238	6		24.	1.	1.		16.5	7.0	0.4
03 11 75	1200			.3		20245	6		24.	12.	1.		12.0	10.0	0.6
09 12 75				.3		20252			24.	8.	1.				0.8
MAXIMUM									128.	40.	20.		25.0	12.9	1.4
AVG OR GEOM MN (*)									31.*	5.*	2.*		16.1	9.7	0.7
MINIMUM									4.	1.	1.		1.5	7.0	0.4
NO OF SAMPLES									8	8	8		7	7	7

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
08 04 75	1035			.3		0.027	0.004	0.06	0.45	0.002	0.200	2.90	80	3.	
13 05 75	1335			.3		0.010	0.001	0.01 L	0.25	0.002	0.070	0.80	72	2.	
16 06 75	1155			.3		0.012	0.002	0.02	0.27	0.002	0.090	1.00	60	2.	
09 07 75	1130			.3		0.008	0.001L	0.02	0.34	0.002	0.010L	2.00	58	2.	
27 08 75	1150			.3		0.008	0.001	0.01	0.25	0.002	0.010L	0.95	55	1.	
29 09 75	1145			.3		0.008	0.001	0.01	0.23	0.002	0.010	0.84	55	1.	
03 11 75	1200			.3		0.008	0.002	0.01	0.24	0.002	0.040	1.00	54	1.	
09 12 75				.3		0.009	0.001	0.02	0.21	0.002	0.050	1.50	60	2.	
MAXIMUM						0.027	0.004	0.06	0.45	0.002	0.200	2.90	80	3.	
AVG OR GEOM MN (*)						0.011	0.002D	0.02 D	0.28	0.002	0.060D	1.37	62	1.	
MINIMUM						0.008	0.001	0.01	0.21	0.002	0.010	0.80	54	1.	
NO OF SAMPLES						8	8	8	8	8	8	8	8	8	

SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: GULL RIVER
SAMPLE POINT: AT HIGHWAY NO 35 1 MILE UPSTREAM FROM MINDEN
STATION TYPE: RIVER

STATION ID: 17-0021-044-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO 44 LAT LONG U.T.M. 17 0680400.0 4978825.0 4 REGION 03 MILEAGE 191.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L
08 04 75 1025			.3		20202	6		4.	1.	1.		1.5	14.1	
13 05 75 1320			.3		20209	6		1.	1.	1.		13.0	12.0	0.2
16 06 75 1130			.3		20216	6		80.	12.	20.		19.0	8.0	0.4
09 07 75 1115			.3		20223	6		24.	1.	1.		25.0	8.0	1.0
27 08 75 1130			.3		20230	6		10. L	1.	1.		21.5	12.0	0.4
29 09 75 1125			.3		20237	6		32.	1.	10. L		16.5	7.0	0.6
03 11 75 1150			.3		20244	6		12.	1.	1.		11.0	9.0	0.4
09 12 75			.3		20251			8.	1.	1.				0.4
MAXIMUM								80.	12.	20.		25.0	14.1	1.0
AVG OR GEOM MN (*)								11.* D	1.*	2.* D		15.4	10.0	0.5
MINIMUM								1.	1.	1.		1.5	7.0	0.2
NO OF SAMPLES								8	8	8		7	7	7

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
08 04 75 1025			.3		0.011	0.003	0.02	0.22	0.001	0.190	1.60	58	1.	
13 05 75 1320			.3		0.008	0.001	0.01 L	0.23	0.002	0.070	0.73	70	1.	
16 06 75 1130			.3		0.007	0.002	0.02	0.22	0.002	0.090	0.70	58	1.	
09 07 75 1115			.3		0.010	0.001L	0.03	0.34	0.002	0.010L	0.75	56	2.	
27 08 75 1130			.3		0.001	0.001	0.01	0.20	0.002	0.010L	0.70	51	1.	
29 09 75 1125			.3		0.006	0.002	0.01	0.22	0.002	0.020	0.76	55	1.	
03 11 75 1150			.3		0.008	0.002	0.01	0.22	0.003	0.030	0.70	54	1.	
09 12 75			.3		0.005	0.001	0.01	0.19	0.002	0.050	1.00	60	2.	
MAXIMUM					0.011	0.003	0.03	0.34	0.003	0.190	1.60	70	2.	
AVG OR GEOM MN (*)					0.007	0.002D	0.02 D	0.23	0.002	0.059D	0.87	58	1.	
MINIMUM					0.001	0.001	0.01	0.19	0.001	0.010	0.70	51	1.	
NO OF SAMPLES					8	8	8	8	8	8	8	8	8	

SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: TRENT RIVER
SAMPLE POINT: HIGHWAY 401 BRIDGE NEAR TRENTON.
STATION TYPE: RIVER

STATION ID: 17-0021-045-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO 45 LAT LONG U.T.M. 18 0292540.0 4889100.0 4 REGION 04 MILEAGE 2.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
13 01 75 0910			.3		25001	6		404.	72.	56.		0.0	13.0	1.4
19 02 75 0850			.3		25005	6		520.	20.	10. L		0.0	13.0	1.2
17 03 75			.3		25010			90.	32.	1.				1.0
16 04 75 0845			.3		25014	6		80.	10.	10. L		5.0	13.0	1.2
26 05 75 0850			.3		25019	6		140.	10.	10. L		23.5	9.0	1.2
24 06 75 0905			.3		25024	6		730.	10. L	10. L		25.0	9.0	1.0
29 07 75 0920			.3		25029	6		30.	10. L	10. L		23.0	8.5	2.2
29 09 75 0845			.3		25034	6		470.	12.	8.		14.0		2.2
21 10 75 0845			.3		25039	6		640.	112.	1.		10.0		1.2
17 12 75 0905			.3		25044	6		860.	30.	120.		0.0		1.0
MAXIMUM								860.	112.	120.		25.0	13.0	2.2
AVG OR GEOM MN (*)								256.*	21.* D	9.* D		11.2	10.9	1.4
MINIMUM								30.	10.	1.		0.0	8.5	1.0
NO OF SAMPLES								10	10	10		9	6	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
13 01 75 0910			.3		0.035	0.006	0.03	0.72	0.005	0.080	1.20	240	5.	
19 02 75 0850			.3		0.018	0.001	0.01	0.45	0.004	1.000	2.50	235	5.	
17 03 75			.3		0.027	0.003	0.05	0.55	0.007	0.430	1.70	240	6.	
16 04 75 0845			.3		0.018	0.001	0.01 L	0.37	0.003	0.250	1.70	240	5.	
26 05 75 0850			.3		0.028	0.005	0.03	0.54	0.003	0.020	1.60	210	4.	
24 06 75 0905			.3		0.031	0.003	0.03	0.47	0.003	0.020	2.10	200	5.	
29 07 75 0920			.3		0.043	0.008	0.03	0.80	0.002	0.180	2.60	658	5.	
29 09 75 0845			.3		0.049	0.003	0.01 L	0.83	0.008	0.150	3.70	225	6.	
21 10 75 0845			.3		0.038	0.002	0.04	0.67	0.008	0.130	4.00	210	6.	
17 12 75 0905			.3		0.031	0.008	0.03	0.49	0.005	0.110	2.00	265	6.	
MAXIMUM					0.049	0.008	0.05	0.83	0.008	1.000	4.00	658	6.	
AVG OR GEOM MN (*)					0.032	0.004	0.03 D	0.59	0.005	0.237	2.31	272	5.	
MINIMUM					0.018	0.001	0.01	0.37	0.002	0.020	1.20	200	4.	
NO OF SAMPLES					10	10	10	10	10	10	10	10	10	

SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

B.O.W./ SITE: COLD CREEK.
SAMPLE POINT: HIGHWAY 33 BRIDGE IN FRANKFORD
STATION TYPE: RIVER

STATION ID: 17-0021-046-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NC 46   LAT   LONG   U.T.M. 18 0292500.0 4897250.0 4   REGION 04   MILEAGE 7.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
13 01 75 0930			.3		25002	3 6		448.	184.	188.		0.0		1.4
19 02 75 0910			.3		25006	6		480.	104.	268.		0.0		0.8
17 03 75			.3		25011			70.	60.	30.				0.8
16 04 75 0905			.3		25015	6		10. L	10. L	10. L		8.0	13.0	1.1
26 05 75 0910			.3		25020	6		20500.	1200.	40.		21.5	9.0	1.6
24 06 75 0945			.3		25025	5		1000. L	100. L	10.		24.5	10.0	1.2
29 07 75 0945			.3		25030	6		320.	100.	10. L		20.5	10.0	1.0
29 09 75 0900			.3		25035	6		1100.	20.	12.		12.0		0.6
21 10 75 0900			.3		25040	6		400.	170.	80.		9.0		0.6
17 12 75 0920			.3		25045	6		910.	260.	730.		0.0		1.2
MAXIMUM								20500.	1200.	730.		24.5	13.0	1.6
AVG OR GEOM MN (*)								457.* D	102.* D	46.* D		10.6	10.5	1.0
MINIMUM								10.	10.	10.		0.0	9.0	0.6
NC OF SAMPLES								10	10	10		9	4	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
13 01 75 0930			.3		0.060	0.021	0.02	0.46	0.010	0.370	2.50	360	6.	
19 02 75 0910			.3		0.060	0.012	0.10	0.70	0.013	1.000	3.90	412	7.	
17 03 75			.3		0.040	0.013	0.05	0.43	0.012	1.200	3.40	380	8.	
16 04 75 0905			.3		0.020	0.002	0.01 L	0.30	0.004	0.330	1.70	360	6.	
26 05 75 0910			.3		0.041	0.005	0.01 L	0.60	0.010	0.140	2.40	375	5.	
24 06 75 0945			.3		0.028	0.006	0.01 L	0.28	0.004	0.020	2.00	360	6.	
29 07 75 0945			.3		0.037	0.008	0.01 L	0.47	0.008	0.160	2.50	360	5.	
29 09 75 0900			.3		0.025	0.007	0.01 L	0.35	0.006	0.190	1.60	425	7.	
21 10 75 0900			.3		0.029	0.008	0.01	0.67	0.006	0.200	2.40	415	4.	
17 12 75 0920			.3		0.064	0.028	0.02	0.47	0.008	0.770	3.50	415	8.	
MAXIMUM					0.064	0.028	0.10	0.70	0.013	1.200	3.90	425	8.	
AVG OR GEOM MN (*)					0.040	0.011	0.03 D	0.47	0.008	0.438	2.59	386	6.	
MINIMUM					0.020	0.002	0.01	0.28	0.004	0.020	1.60	360	4.	
NO OF SAMPLES					10	10	10	10	10	10	10	10	10	

SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: RAWDON CREEK
SAMPLE POINT: AT HIGHWAY NO 33 1 MILE SOUTH OF STIRLING
STATION TYPE: RIVER

STATION ID: 17-0021-047-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO 47 LAT LONG U.T.M. 18 0296250.0 4906650.0 4 REGION 04 MILEAGE 15.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
13 01 75 0950			.3		25003	3 6		556.	192.	212.		0.0	11.0	1.6
19 02 75 0930			.3		25007	6		1470.	170.	820.		0.0		1.4
17 03 75			.3		25012			990.	440.	250.				1.8
16 04 75 0930			.3		25016	6		90.	30.	50.		6.5	12.0	0.6
26 05 75 0930			.3		25021	6		780.	30.	10. L		20.0	8.0	1.8
24 06 75 1005			.3		25026	6 8		450.	20.	10. L		24.8	8.0	1.0
29 07 75 1015			.3		25031	6 7		90.	30.	10.		21.5	8.0	1.4
29 09 75 0910			.3		25036	5		1700.	72.	20.		13.0		0.8
21 10 75 0915			.3		25041	6		710.	160.	30.		9.0		1.4
17 12 75 0930			.3		25046	6		880.	100.	490.		0.0		1.8
MAXIMUM								1700.	440.	820.		24.8	12.0	1.8
AVG OR GEOM MN (*)								548.*	79.*	60.* D		10.5	9.4	1.4
MINIMUM								90.	20.	10.		0.0	8.0	0.6
NO OF SAMPLES								10	10	10		9	5	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
13 01 75 0950			.3		0.078	0.028	0.07	0.80	0.012	0.460	2.50	360	7.	
19 02 75 0930			.3		0.059	0.014	0.03	0.69	0.011	0.080	4.40	475	16.	
17 03 75			.3		0.130	0.071	0.21	0.90	0.015	1.200	5.40	370	8.	
16 04 75 0930			.3		0.023	0.003	0.01 L	0.34	0.004	0.320	1.20	370	7.	
26 05 75 0930			.3		0.085	0.063	0.09	0.64	0.020	0.260	1.40	400	6.	
24 06 75 1005			.3		0.072	0.051	0.01	0.55	0.019	0.260	1.20	400	7.	
29 07 75 1015			.3		0.062	0.019	0.01	0.56	0.010	0.040	1.20	360	10.	
29 09 75 0910			.3		0.022	0.007	0.01	0.41	0.010	0.160	1.00	440	9.	
21 10 75 0915			.3		0.022	0.008	0.02	0.39	0.008	0.200	1.50	475	4.	
17 12 75 0930			.3		0.036	0.011	0.01	0.58	0.007	1.010	4.00	450	9.	
MAXIMUM					0.130	0.071	0.21	0.90	0.020	1.200	5.40	475	16.	
AVG OR GEOM MN (*)					0.059	0.028	0.05 D	0.59	0.012	0.399	2.38	410	8.	
MINIMUM					0.022	0.003	0.01	0.34	0.004	0.040	1.00	360	4.	
NO OF SAMPLES					10	10	10	10	10	10	10	10	10	

SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

B.O.W./ SITE: MISSISSAUGA RIVER
SAMPLE POINT: HIGHWAY 36 1 MILE NORTH OF BUCKHORN
STATION TYPE: RIVER

STATION ID: 17-0021-052-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO 52   LAT   LONG   U.T.M. 17 0711200.0 4937750.0 4   REGION 03   MILEAGE 122.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
30 01 75 1025			.3		19066	6	127.	4.	1.	1.		0.0	14.1	1.4
19 02 75 1115			.3		19138	6	97.9	10. L	10. L	10. L		2.4	14.2	1.0
05 04 75 1230			.3		19226	6	262.	4.	1.	4.		0.8	10.3	0.2
14 05 75 1535			.3		19280	6	22.2	52.	1.	1.		15.4	10.7	1.4
25 06 75 1030			.3		19404	6	20.1	620.	4.	1.		23.5	5.7	0.6
09 07 75 1130			.3		19460	6 8	20.3	276.	8.	32.		25.0	6.3	0.6
08 08 75 0930			.3		19543	6 8	69.2	12.	1.	1.		18.0	7.8	0.4
28 08 75 1325			.3		19586	6	24.0	40.	20.	1.		16.8	7.8	0.6
10 09 75 1530			.3		19638	6	56.4	120.	32.	1.		15.5	11.8	1.0
30 10 75 1335			.3		19749	6	57.4	110.	8.	1.		8.0	9.6	0.8
MAXIMUM							262.	620.	32.	32.		25.0	14.2	1.4
AVG OR GEOM MN (*)							75.7	39.* D	4.* D	2.* D		12.5	9.8	0.8
MINIMUM							20.1	4.	1.	1.		0.0	5.7	0.2
NO OF SAMPLES							10	10	10	10		10	10	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
30 01 75 1025			.3		0.006	0.003	0.03	0.30	0.003	0.110	0.72	110	3.	
19 02 75 1115			.3		0.012	0.005	0.04	0.27	0.004	0.130	2.10	114	3.	
05 04 75 1230			.3		0.009	0.003	0.01	0.34	0.002	0.130	1.20	64	1.	
14 05 75 1535			.3		0.033	0.001	0.01	0.50	0.004	0.010L	1.50	185	4.	
25 06 75 1030			.3		0.015	0.001L	0.01	0.42	0.002	0.010L	1.20	86	1.	
09 07 75 1130			.3		0.026	0.002	0.02	0.40	0.002	0.010	2.20	190	4.	
08 08 75 0930			.3		0.019	0.004	0.06	0.43	0.001	0.010L	1.50	190	4.	
28 08 75 1325			.3		0.006	0.001	0.02	0.41	0.002	0.050	0.85	56		
10 09 75 1530			.3		0.036	0.001	0.01	0.46	0.002	0.020	0.55	60	3.	
30 10 75 1335			.3		0.014	0.003	0.01 L	0.35	0.002	0.010L	1.10	240	4.	
MAXIMUM					0.036	0.005	0.06	0.50	0.004	0.130	2.20	240	4.	
AVG OR GEOM MN (*)					0.018	0.002D	0.02 D	0.39	0.002	0.049D	1.29	130	3.	
MINIMUM					0.006	0.001	0.01	0.27	0.001	0.010	0.55	56	1.	
NO OF SAMPLES					10	10	10	10	10	10	10	10	9	

SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

B.O.W./ SITE: BALSAM LAKE OUTLET
SAMPLE POINT: AT ROSEDALE DAM
STATION TYPE: RIVER

STATION ID: 17-0021-054-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO 54   LAT   LONG   U.T.M. 17 0675800.0 4937775.0 4   REGION 03   MILEAGE 159.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
30 01 75 1420			.3		19072	6		20.	1.	1.		0.0	14.7	0.8
19 02 75 1530			.3		19144	6		10. L	10. L	10.		3.0	14.6	1.2
05 04 75 1550			.3		19232	6		1.	1.	1.		2.9	10.0	0.2
15 05 75 0930			.3		19286	6		1.	1.	1.		14.2	11.0	0.4
25 06 75 1430			.3		19410	6 8		4.	1.	1.		23.0	6.8	0.4
09 07 75 1445			.3		19466	6 8		68.	4.	1.		25.0	7.4	0.8
08 08 75 1350			.3		19549			96.	1.	4.		18.8	7.7	0.6
28 08 75 1610			.3		19592	6		20.	12.	1.		20.0	8.2	0.8
11 09 75 1130			.3		19644	6		720.	160.	600. G		18.2	8.1	3.4
30 10 75 1610			.3		19755	6		40.	10. L	10. L		9.8	9.8	1.0
MAXIMUM								720.	160.	600.		25.0	14.7	3.4
AVG OR GEOM MN (*)								18.* D	4.* D	3.* E		13.5	9.8	1.0
MINIMUM								1.	1.	1.		0.0	6.8	0.2
NO OF SAMPLES								10	10	10		10	10	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
30 01 75 1420			.3		0.004	0.003	0.03	0.25	0.003	0.110	0.65	108	3.	
19 02 75 1530			.3		0.010	0.002	0.02	0.22	0.003	0.140	1.90	90	2.	
05 04 75 1550			.3		0.007	0.001	0.01	0.25	0.001	0.120	0.90	103	2.	
15 05 75 0930			.3		0.005	0.001	0.01	0.24	0.003	0.030	1.10	130	3.	
25 06 75 1430			.3		0.012	0.001L	0.01	0.27	0.001L	0.010	1.10	126	2.	
09 07 75 1445			.3		0.027	0.002	0.02	0.42	0.002	0.010	1.90	200	5.	
08 08 75 1350			.3		0.028	0.011	0.10	0.56	0.006	0.040L	1.90	200	6.	
28 08 75 1610			.3		0.015	0.001	0.02	0.51	0.001	0.010L	0.75	108	2.	
11 09 75 1130			.3		0.070	0.005	0.07	0.70	0.017	0.020	5.20	195	5.	
30 10 75 1610			.3		0.018	0.002	0.01 L	0.36	0.002	0.010	1.30	180	3.	
MAXIMUM					0.070	0.011	0.10	0.70	0.017	0.140	5.20	200	6.	
AVG OR GEOM MN (*)					0.020	0.003D	0.03 D	0.38	0.004D	0.050D	1.67	144	3.	
MINIMUM					0.004	0.001	0.01	0.22	0.001	0.010	0.65	90	2.	
NO OF SAMPLES					10	10	10	10	10	10	10	10	10	

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SAMPLE INFORMATION SYSTEM        STATION SUMMARY REPORT - RIVER BASINS                          DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: TRENT RIVER
 SAMPLE POINT: AT HEALEY FALLS DAM                                                                STATION ID:  17-0021-057-02
 STATION TYPE: RIVER
                                                        MAJOR BASIN: GREAT LAKES                             STORET CODE: 02
                                                        MINOR BASIN: LAKE ONTARIO                                         004
                                                        TERM STREAM: TRENT RIVER                                          1220

STN NO     57        LAT                 LONG            U.T.M. 18 0277995.0 4917250.0 4     REGION 03            MILEAGE    39.30

                                         934      901       444       80        81        84        88        805        3          1
SAMP DTE HOUR  STN  STN SAMP  PJ       SAMPLE      SCD  FLOW CFS    TOTAL     FECAL      M.F.     PSEUD.     WATER      DISS.     5-DAY
DY MO YR LMT   DIST BRG DEPTH             NO                      COLIFORM  COLIFORM    ENTER.       MPA     TEMP.        O2       BOD
               FEET       MTRS                                    MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L
30 10 75 1045               .3         19744    6       1190.        1.        1.        1.                 9.5        9.2       2.0


                          MAXIMUM                       1190.        1.        1.        1.                 9.5        9.2       2.0
               AVG OR GEOM MN (*)                       1190.        1.*       1.*       1.*                9.5        9.2       2.0
                          MINIMUM                       1190.        1.        1.        1.                 9.5        9.2       2.0

                    NO OF SAMPLES                          1         1         1         1                   1          1         1




                                        33        34        19        20        21        22        16        14        56          55
SAMP DTE HOUR  STN  STN SAMP  PJ      TOTAL   FILTERED  FILTERED    TOTAL    NITRITE   NITRATE     TURB.     COND.   CHLORIDE       PH
DY MO YR LMT   DIST BRG DEPTH             P   REACTIVE  AMMONIA  KJELDAHL     NO2-N     NO3-N   FORMAZIN      25C       MG/L   AT LAB
               FEET       MTRS         MG/L     P MG/L      MG/L      MG/L      MG/L      MG/L     UNITS     UMHOS
30 10 75 1045               .3        0.049     0.019      0.20      0.79     0.008     0.032      3.50       240        6.


                          MAXIMUM     0.049     0.019      0.20      0.79     0.008     0.032      3.50       240        6.
               AVG OR GEOM MN (*)     0.049     0.019      0.20      0.79     0.008     0.032      3.50       240        6.
                          MINIMUM     0.049     0.019      0.20      0.79     0.008     0.032      3.50       240        6.

                    NO OF SAMPLES        1         1         1         1         1         1         1         1         1
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SAMPLE INFORMATION SYSTEM       STATION SUMMARY REPORT - RIVER BASINS                     DATE OF REPORT  28 OCT 77

B.O.W./ SITE: FARREL CREEK                                                                  STATION ID:  17-0021-058-02
SAMPLE POINT: AT DYNO ROAD DOWNSTREAM FROM DYNO MINE TAILINGS 78 1
STATION TYPE: RIVER                                        MAJOR BASIN: GREAT LAKES                              STORET CODE: 02
                                                           MINOR BASIN: LAKE ONTARIO                                          004
                                                           TERM STREAM: TRENT RIVER                                           1220

STN NO     58       LAT                 LONG               U.T.M. 17 0728955.0 4980150.0 4      REGION 03             MILEAGE  155.20

                                       934       901       444        80        81        84        88       805         3         1
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE       SCD  FLOW CFS     TOTAL     FECAL      M.F.    PSEUD.     WATER     DISS.     5-DAY
DY MO YR LMT   DIST BRG DEPTH           NO                      COLIFORM  COLIFORM    ENTER.       MPA     TEMP.        O2       BOD
               FEET      MTRS                                   MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L

19 06 75 1400              .3        19370   6                                                              22.0
11 09 75 1030              .3        19647   6 8                                                            13.8       8.7
23 10 75 1600              .3        19714   6 8                                                            15.0


                      MAXIMUM                                                                               22.0       8.7
           AVG OR GEOM MN (*)                                                                               16.9       8.7
                      MINIMUM                                                                               13.8       8.7

                NO OF SAMPLES                                                                                  3         1
                                        33        34        19        20        21        22        16        14        56        55
SAMP DTE HOUR  STN  STN SAMP  PJ     TOTAL  FILTERED  FILTERED     TOTAL   NITRITE   NITRATE     TURB.     COND.  CHLORIDE        PH
DY MO YR LMT   DIST BRG DEPTH            P  REACTIVE   AMMONIA  KJELDAHL     NO2-N     NO3-N  FORMAZIN       25C      MG/L    AT LAB
               FEET      MTRS         MG/L    P MG/L      MG/L      MG/L      MG/L      MG/L     UNITS     UMHOS

19 06 75 1400              .3                                                                     2.10       270                 7.0
11 09 75 1030              .3                                                                     0.95       190                 7.9
23 10 75 1600              .3                                                                     1.00       375                 6.7


                      MAXIMUM                                                                     2.10       375                 7.9
           AVG OR GEOM MN (*)                                                                     1.35       278                 7.2
                      MINIMUM                                                                     0.95       190                 6.7

                NO OF SAMPLES                                                                        3         3                   3

                                       934        95        52        50        76        61        68        25        60       280
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE   ACIDITY   TOT ALK  HARDNESS    CALCUL     TOTAL    COLOUR   PHENOLS            REACTIVE
DY MO YR LMT   DIST BRG DEPTH           NO      MG/L    AT LAB     CACO3  HARDNESS      IRON     HAZEN            FLUORIDE  SILICATE
               FEET      MTRS                             MG/L      MG/L      MG/L      MG/L     UNITS      UG/L      MG/L   SI MG/L

19 06 75 1400              .3        19370        7.                                    1.10
11 09 75 1030              .3        19647        3.                                    0.09
23 10 75 1600              .3        19714        6.                                    0.20


                      MAXIMUM                     7.                                    1.10
           AVG OR GEOM MN (*)                     5.                                    0.46
                      MINIMUM                     3.                                    0.09

                NO OF SAMPLES                      3                                       3
                                        59         5         6         7       107        67        66        45        47        41
SAMP DTE HOUR  STN  STN SAMP  PJ  SULPHATE     TOTAL     SUSP.     DISS.     DISS.   PTSSIUM    SODIUM     TOT C   ORGANIC       COD
DY MO YR LMT   DIST BRG DEPTH                 SOLIDS    SOLIDS    SOLIDS    SOLIDS         K        NA      AS C    C AS C
               FEET      MTRS         MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

19 06 75 1400              .3         107.      198.       12.       186
11 09 75 1030              .3          11.      124.
23 10 75 1600              .3         210.      244.


                      MAXIMUM         210.      244.       12.       186
           AVG OR GEOM MN (*)         109.      188.       12.       186
                      MINIMUM          11.      124.       12.       186

                NO OF SAMPLES            3         3         1         1
                                       934       203       265        64        72       221       225       272       215       229
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE     TOTAL     TOTAL               TOTAL     TOTAL     TOTAL    SIMPLE     TOTAL     TOTAL
DY MO YR LMT   DIST BRG DEPTH           NO  ALUMINUM   ARSENIC   CALCIUM   CALCIUM  CHROMIUM    COPPER   CYANIDE   CADMIUM      LEAD
               FEET      MTRS                   MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

19 06 75 1400              .3        19370
11 09 75 1030              .3        19647
23 10 75 1600              .3        19714              0.01 L


                      MAXIMUM                           0.01
           AVG OR GEOM MN (*)                           0.01 D
                      MINIMUM                           0.01

                NO OF SAMPLES                              1
                                        65        74       200       235       238       249       217       218       219       361
SAMP DTE HOUR  STN  STN SAMP  PJ       MAG  TOT. MAG  MANGNESE     TOTAL     TOTAL     TOTAL     TOTAL    BARIUM  SELENIUM   SOLVENT
DY MO YR LMT   DIST BRG DEPTH       NESIUM    NESIUM        MN   MERCURY    NICKEL      ZINC    COBALT      MG/L      MG/L  EXTRBLES
               FEET      MTRS         MG/L      MG/L      MG/L      UG/L      MG/L      MG/L      MG/L                        MG/L

19 06 75 1400              .3                           0.40
11 09 75 1030              .3                           0.05
23 10 75 1600              .3                           0.20


                      MAXIMUM                           0.40
           AVG OR GEOM MN (*)                           0.22
                      MINIMUM                           0.05

                NO OF SAMPLES                              3
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SAMPLE INFORMATION SYSTEM       STATION SUMMARY REPORT - RIVER BASINS                        DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: PAUDASH LAKE                                                                     STATION ID:  17-0021-059-01
 SAMPLE POINT: INLET BAY NEAR MOUTH OF DEER CREEK 75 1
 STATION TYPE: LAKE                                     MAJOR BASIN: GREAT LAKES                               STORET CODE: 02
                                                        MINOR BASIN: LAKE ONTARIO                                           004
                                                        TERM STREAM: TRENT RIVER                                            1220

STN NO    59      LAT               LONG                 U.T.M. 17 0734400.0 4985175.0 4     REGION 03             MILEAGE  113.30

                                       934       901       444        80        81        84        88       805         3         1
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE       SCD  FLOW CFS     TOTAL     FECAL      M.F.    PSEUD.     WATER     DISS.     5-DAY
DY MO YR LMT   DIST BRG DEPTH           NO                      COLIFORM  COLIFORM    ENTER.       MPA     TEMP.        O2       BOD
               FEET      MTRS                                   MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L

19 06 75 1500              .3        19372    6                                                             24.0
10 09 75 1215              .3        19631    6                                                             17.8       9.0
23 10 75 1250              .3        19716    6                                                             13.0


                      MAXIMUM                                                                               24.0       9.0
           AVG OR GEOM MN (*)                                                                               18.3       9.0
                      MINIMUM                                                                               13.0       9.0

                NO OF SAMPLES                                                                                  3         1

                                        33        34        19        20        21        22        16        14        56        55
SAMP DTE HOUR  STN  STN SAMP  PJ     TOTAL  FILTERED  FILTERED     TOTAL   NITRITE   NITRATE     TURB.     COND.  CHLORIDE        PH
DY MO YR LMT   DIST BRG DEPTH            P  REACTIVE   AMMONIA  KJELDAHL     NO2-N     NO3-N  FORMAZIN       25C      MG/L    AT LAB
               FEET      MTRS         MG/L    P MG/L      MG/L      MG/L      MG/L      MG/L     UNITS     UMHOS

19 06 75 1500              .3                                                                     1.20        96                 7.7
10 09 75 1215              .3                                                                     0.50       105                 7.2
23 10 75 1250              .3                                                                     1.30       124                 7.4


                      MAXIMUM                                                                     1.30       124                 7.7
           AVG OR GEOM MN (*)                                                                     1.00       108                 7.4
                      MINIMUM                                                                     0.50        96                 7.2

                NO OF SAMPLES                                                                        3         3                   3

                                       934        95        52        50        76        61        68        25        60       280
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE   ACIDITY   TOT ALK  HARDNESS    CALCUL     TOTAL    COLOUR   PHENOLS            REACTIVE
DY MO YR LMT   DIST BRG DEPTH           NO      MG/L    AT LAB     CACO3  HARDNESS      IRON     HAZEN            FLUORIDE  SILICATE
               FEET      MTRS                             MG/L      MG/L      MG/L      MG/L     UNITS      UG/L      MG/L   SI MG/L

19 06 75 1500              .3        19372        3.                                  0.40
10 09 75 1215              .3        19631        2.                                  0.11
23 10 75 1250              .3        19716        4.                                  0.23


                      MAXIMUM                     4.                                  0.40
           AVG OR GEOM MN (*)                     3.                                  0.25
                      MINIMUM                     2.                                  0.11

                NO OF SAMPLES                      3                                     3

                                        59         5         6         7       107        67        66        45        47        41
SAMP DTE HOUR  STN  STN SAMP  PJ  SULPHATE     TOTAL     SUSP.     DISS.     DISS.   PTSSIUM    SODIUM     TOT C   ORGANIC       COD
DY MO YR LMT   DIST BRG DEPTH                 SOLIDS    SOLIDS    SOLIDS    SOLIDS         K        NA      AS C    C AS C
               FEET      MTRS         MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

19 06 75 1500              .3           8.       68.        2.        66
10 09 75 1215              .3          18.       68.
23 10 75 1250              .3          24.       81.


                      MAXIMUM          24.       81.        2.        66
           AVG OR GEOM MN (*)          16.       72.        2.        66
                      MINIMUM           8.       68.        2.        66

                NO OF SAMPLES            3         3         1         1

                                       934       203       265        64        72       221       225       272       215       229
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE     TOTAL     TOTAL               TOTAL     TOTAL     TOTAL    SIMPLE     TOTAL     TOTAL
DY MO YR LMT   DIST BRG DEPTH           NO  ALUMINUM   ARSENIC   CALCIUM   CALCIUM  CHROMIUM    COPPER   CYANIDE   CADMIUM      LEAD
               FEET      MTRS                   MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

19 06 75 1500              .3        19372
10 09 75 1215              .3        19631
23 10 75 1250              .3        19716              0.01 L


                      MAXIMUM                           0.01
           AVG OR GEOM MN (*)                           0.01 D
                      MINIMUM                           0.01

                NO OF SAMPLES                              1
                                        65        74       200       235       238       249       217       219       219       361
SAMP DTE HOUR  STN  STN SAMP  PJ       MAG  TOT. MAG  MANGNESE     TOTAL     TOTAL     TOTAL     TOTAL    BARIUM  SELENIUM   SOLVENT
DY MO YR LMT   DIST BRG DEPTH       NESIUM    NESIUM        MN   MERCURY    NICKEL      ZINC    COBALT      MG/L      MG/L  EXTRBLES
               FEET      MTRS         MG/L      MG/L      MG/L      UG/L      MG/L      MG/L      MG/L                        MG/L

19 06 75 1500              .3                           0.02
10 09 75 1215              .3                           0.02
23 10 75 1250              .3                           0.04


                      MAXIMUM                           0.04
           AVG OR GEOM MN (*)                           0.03
                      MINIMUM                           0.02

                NO OF SAMPLES                              3
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SAMPLE INFORMATION SYSTEM       STATION SUMMARY REPORT - RIVER BASINS                     DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: DEER CREEK                                                                    STATION ID:  17-0021-060-02
 SAMPLE POINT: DOWNSTREAM FROM BICROFT MINE TAILINGS 74 1
 STATION TYPE: RIVER                                     MAJOR BASIN: GREAT LAKES                          STORET CODE: 02
                                                         MINOR BASIN: LAKE ONTARIO                                      004
                                                         TERM STREAM: TRENT RIVER                                       1220

STN NO     60       LAT                 LONG             U.T.M. 17 0733825.0 4985800.0 4     REGION 03            MILEAGE  113.80

                                       934       901       444        80        81        84        88       805         3         1
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE       SCD  FLOW CFS     TOTAL     FECAL      M.F.    PSEUD.     WATER     DISS.     5-DAY
DY MO YR LMT   DIST BRG DEPTH           NO                      COLIFORM  COLIFORM    ENTER.       MPA     TEMP.        O2       BOD
               FEET      MTRS                                   MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L

19 06 75 1445              .3        19373   6                                                            23.0
10 09 75 1230              .3        19632   6                                                            15.8       8.4
23 10 75 1305              .3        19717   6                                                            12.0


                      MAXIMUM                                                                             23.0       8.4
           AVG OR GEOM MN (*)                                                                             16.9       8.4
                      MINIMUM                                                                             12.0       8.4

                NO OF SAMPLES                                                                                3         1
                                        33        34        19        20        21        22        16        14        56        55
SAMP DTE HOUR  STN  STN SAMP  PJ     TOTAL  FILTERED  FILTERED     TOTAL   NITRITE   NITRATE     TURB.     COND.  CHLORIDE        PH
DY MO YR LMT   DIST BRG DEPTH            P  REACTIVE   AMMONIA  KJELDAHL     NO2-N     NO3-N  FORMAZIN       25C      MG/L    AT LAB
               FEET      MTRS         MG/L    P MG/L      MG/L      MG/L      MG/L      MG/L     UNITS     UMHOS

19 06 75 1445              .3                                                                     0.85        54                 7.6
10 09 75 1230              .3                                                                     0.70       440                 6.4
23 10 75 1305              .3                                                                     2.30       620                 6.3


                      MAXIMUM                                                                     2.30       620                 7.6
           AVG OR GEOM MN (*)                                                                     1.28       371                 6.8
                      MINIMUM                                                                     0.70        54                 6.3

                NO OF SAMPLES                                                                        3         3                   3
                                       934        95        52        50        76        61        68        25        60       280
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE   ACIDITY   TOT ALK  HARDNESS    CALCUL     TOTAL    COLOUR   PHENOLS            REACTIVE
DY MO YR LMT   DIST BRG DEPTH           NO      MG/L    AT LAB     CACO3  HARDNESS      IRON     HAZEN            FLUORIDE  SILICATE
               FEET      MTRS                             MG/L      MG/L      MG/L      MG/L     UNITS      UG/L      MG/L  SI MG/L

19 06 75 1445              .3        19373        1.                                  0.32
10 09 75 1230              .3        19632        7.                                  0.30
23 10 75 1305              .3        19717       14.                                  0.92


                      MAXIMUM                    14.                                  0.92
           AVG OR GEOM MN (*)                     7.                                  0.51
                      MINIMUM                     1.                                  0.30

                NO OF SAMPLES                      3                                     3
                                        59         5         6         7       107        67        66        45        47        41
SAMP DTE HOUR  STN  STN SAMP  PJ  SULPHATE     TOTAL     SUSP.     DISS.     DISS.   PTSSIUM    SODIUM     TOT C   ORGANIC       COD
DY MO YR LMT   DIST BRG DEPTH                 SOLIDS    SOLIDS    SOLIDS    SOLIDS         K        NA      AS C    C AS C
               FEET      MTRS         MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

19 06 75 1445              .3           9.       38.        2.        36
10 09 75 1230              .3          40.       93.
23 10 75 1305              .3         280.      491.


                      MAXIMUM         280.      491.        2.        36
           AVG OR GEOM MN (*)         109.      207.        2.        36
                      MINIMUM           9.       38.        2.        36

                NO OF SAMPLES            3         3         1         1
                                       934       203       265        64        72       221       225       272       215       229
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE     TOTAL     TOTAL               TOTAL     TOTAL     TOTAL    SIMPLE     TOTAL     TOTAL
DY MO YR LMT   DIST BRG DEPTH           NO  ALUMINUM   ARSENIC   CALCIUM   CALCIUM  CHROMIUM    COPPER   CYANIDE   CADMIUM      LEAD
               FEET      MTRS                   MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

19 06 75 1445              .3        19373
10 09 75 1230              .3        19632
23 10 75 1305              .3        19717              0.01 L


                      MAXIMUM                             0.01
           AVG OR GEOM MN (*)                             0.01 D
                      MINIMUM                             0.01

                NO OF SAMPLES                                1
                                        65        74       200       235       238       249       217       218       219       361
SAMP DTE HOUR  STN  STN SAMP  PJ       MAG  TOT. MAG  MANGNESE     TOTAL     TOTAL     TOTAL     TOTAL    BARIUM  SELENIUM   SOLVENT
DY MO YR LMT   DIST BRG DEPTH       NESIUM    NESIUM        MN   MERCURY    NICKEL      ZINC    COBALT      MG/L      MG/L  EXTRBLES
               FEET      MTRS         MG/L      MG/L      MG/L      UG/L      MG/L      MG/L      MG/L                          MG/L

19 06 75 1445              .3                             0.06
10 09 75 1230              .3                             0.09
23 10 75 1305              .3                             0.81


                      MAXIMUM                             0.81
           AVG OR GEOM MN (*)                             0.32
                      MINIMUM                             0.06

                NO OF SAMPLES                                3
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SAMPLE INFORMATION SYSTEM        STATION SUMMARY REPORT - RIVER BASINS                        DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: CENTRE LAKE OUTLET                                                              STATION ID:  17-0021-061-02
 SAMPLE POINT: AT HIGHWAY 121 4 MILES WEST OF CARDIFF 73 1
 STATION TYPE: RIVER                                  MAJOR BASIN: GREAT LAKES                           STORET CODE: 02
                                                      MINOR BASIN: LAKE ONTARIO                                       004
                                                      TERM STREAM: TRENT RIVER                                        1220

STN NO     61       LAT                 LONG          U.T.M. 17 0732100.0 4987550.0 4     REGION 03          MILEAGE  115.40


                                         934       901      444        80        81        84        88       805         3         1
SAMP DTE HOUR  STN  STN SAMP  PJ      SAMPLE        SCD  FLOW CFS     TOTAL     FECAL      M.F.    PSEUD.     WATER     DISS.     5-DAY
DY MO YR LMT   DIST BRG DEPTH             NO                       COLIFORM  COLIFORM    ENTER.       MPA     TEMP.        O2       BOD
               FEET      MTRS                                      MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L

19 06 75 1425               .3        19371     6                                                            24.0
10 09 75 1150               .3        19630     6                                                            17.5       8.7
23 10 75 1230               .3        19715     6                                                            12.0


                   MAXIMUM                                                                                   24.0       8.7
          AVG OR GEOM MN (*)                                                                                 17.8       8.7
                   MINIMUM                                                                                   12.0       8.7

              NO OF SAMPLES                                                                                     3         1

                                          33        34        19        20        21        22        16        14        56        55
SAMP DTE HOUR  STN  STN SAMP  PJ       TOTAL  FILTERED  FILTERED     TOTAL   NITRITE   NITRATE     TURB.     COND.  CHLORIDE        PH
DY MO YR LMT   DIST BRG DEPTH              P  REACTIVE   AMMONIA  KJELDAHL     NO2-N     NO3-N  FORMAZIN       25C      MG/L    AT LAB
               FEET      MTRS           MG/L    P MG/L      MG/L      MG/L      MG/L      MG/L     UNITS     UMHOS

19 06 75 1425               .3                                                                      1.00        40                 7.7
10 09 75 1150               .3                                                                      1.00        47                 6.8
23 10 75 1230               .3                                                                      1.40        60                 6.8


                   MAXIMUM                                                                          1.40        60                 7.7
          AVG OR GEOM MN (*)                                                                        1.13        49                 7.1
                   MINIMUM                                                                          1.00        40                 6.8

              NO OF SAMPLES                                                                            3         3                   3

                                         934        95        52        50        76        61        68        25        60       280
SAMP DTE HOUR  STN  STN SAMP  PJ      SAMPLE   ACIDITY   TOT ALK  HARDNESS    CALCUL     TOTAL    COLOUR   PHENOLS             REACTIVE
DY MO YR LMT   DIST BRG DEPTH             NO      MG/L    AT LAB     CACO3  HARDNESS      IRON     HAZEN            FLUORIDE  SILICATE
               FEET      MTRS                               MG/L      MG/L      MG/L      MG/L     UNITS      UG/L      MG/L   SI MG/L

19 06 75 1425               .3        19371        1.                                 0.32
10 09 75 1150               .3        19630        3.                                 0.21
23 10 75 1230               .3        19715        4.                                 0.37


                   MAXIMUM                         4.                                 0.37
          AVG OR GEOM MN (*)                       2.                                 0.30
                   MINIMUM                         1.                                 0.21

              NO OF SAMPLES                         3                                    3
                                          59         5         6         7       107        67        66        45        47        41
SAMP DTE HOUR  STN  STN SAMP  PJ    SULPHATE     TOTAL     SUSP.     DISS.     DISS.   PTSSIUM    SODIUM     TOT C   ORGANIC       COD
DY MO YR LMT   DIST BRG DEPTH                   SOLIDS    SOLIDS    SOLIDS    SOLIDS         K        NA      AS C    C AS C
               FEET      MTRS           MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

19 06 75 1425               .3            5.       29.        2.        27
10 09 75 1150               .3            6.       30.
23 10 75 1230               .3           11.       39.


                   MAXIMUM               11.       39.        2.        27
          AVG OR GEOM MN (*)              7.       32.        2.        27
                   MINIMUM                5.       29.        2.        27

              NO OF SAMPLES                3         3         1         1

                                         934       203       265        64        72       221       225       272       215       229
SAMP DTE HOUR  STN  STN SAMP  PJ      SAMPLE     TOTAL     TOTAL               TOTAL     TOTAL     TOTAL    SIMPLE     TOTAL     TOTAL
DY MO YR LMT   DIST BRG DEPTH             NO  ALUMINUM   ARSENIC   CALCIUM   CALCIUM  CHROMIUM    COPPER   CYANIDE   CADMIUM      LEAD
               FEET      MTRS                     MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

19 06 75 1425               .3        19371
10 09 75 1150               .3        19630
23 10 75 1230               .3        19715               0.01 L


                   MAXIMUM                                0.01
          AVG OR GEOM MN (*)                              0.01 D
                   MINIMUM                                0.01

              NO OF SAMPLES                                  1

                                          65        74       200       235       238       249       217       218       219       361
SAMP DTE HOUR  STN  STN SAMP  PJ         MAG  TOT. MAG  MANGNESE     TOTAL     TOTAL     TOTAL     TOTAL    BARIUM  SELENIUM   SOLVENT
DY MO YR LMT   DIST BRG DEPTH         NESIUM    NESIUM        MN   MERCURY    NICKEL      ZINC    COBALT      MG/L      MG/L  EXTRBLES
               FEET      MTRS           MG/L      MG/L      MG/L      UG/L      MG/L      MG/L      MG/L                          MG/L

19 06 75 1425               .3                              0.02
10 09 75 1150               .3                              0.03
23 10 75 1230               .3                              0.07


                   MAXIMUM                                  0.07
          AVG OR GEOM MN (*)                                0.04
                   MINIMUM                                  0.02

              NO OF SAMPLES                                    3
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SAMPLE INFORMATION SYSTEM      STATION SUMMARY REPORT - RIVER BASINS                      DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: BOW LAKE OUTLET                                                              STATION ID:  17-0021-062-02
 SAMPLE POINT: AT HIGHWAY 28 8 MILES SOUTH WEST OF BANCROFT 71 3
 STATION TYPE: RIVER                                      MAJOR BASIN: GREAT LAKES                      STORET CODE: 02
                                                          MINOR BASIN: LAKE ONTARIO                                  004
                                                          TERM STREAM: TRENT RIVER                                   1220

STN NO     62       LAT                LONG               U.T.M. 18 0268600.0 4987350.0 4     REGION 04           MILEAGE  115.20


                                       934       901       444        80        81        84        88       805         3         1
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE       SCD  FLOW CFS     TOTAL     FECAL      M.F.    PSEUD.     WATER     DISS.     5-DAY
DY MO YR LMT   DIST BRG DEPTH           NO                      COLIFORM  COLIFORM    ENTER.       MPA     TEMP.        O2       BOD
               FEET      MTRS                                   MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L

19 06 75 1515              .3        19374   6                                                            23.0
10 09 75 1345              .3        19633   6                                                            13.0      11.6
23 10 75 1430              .3        19718   6                                                            13.0


                      MAXIMUM                                                                             23.0      11.6
           AVG OR GEOM MN (*)                                                                             16.3      11.6
                      MINIMUM                                                                             13.0      11.6

                NO OF SAMPLES                                                                                3         1
                                        33        34        19        20        21        22        16        14        56        55
SAMP DTE HOUR  STN  STN SAMP  PJ     TOTAL  FILTERED  FILTERED     TOTAL   NITRITE   NITRATE     TURB.     COND.  CHLORIDE        PH
DY MO YR LMT   DIST BRG DEPTH            P  REACTIVE   AMMONIA  KJELDAHL     NO2-N     NO3-N  FORMAZIN       25C      MG/L    AT LAB
               FEET      MTRS         MG/L    P MG/L      MG/L      MG/L      MG/L      MG/L     UNITS     UMHOS

19 06 75 1515              .3                                                                    0.40      420                 7.7
10 09 75 1345              .3                                                                    0.40      500                 7.6
23 10 75 1430              .3                                                                    1.00      560                 7.4


                      MAXIMUM                                                                    1.00      560                 7.7
           AVG OR GEOM MN (*)                                                                    0.60      493                 7.6
                      MINIMUM                                                                    0.40      420                 7.4

                NO OF SAMPLES                                                                       3         3                  3
                                       934        95        52        50        76        61        68        25        60       280
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE   ACIDITY   TOT ALK  HARDNESS    CALCUL     TOTAL    COLOUR   PHENOLS             REACTIVE
DY MO YR LMT   DIST BRG DEPTH           NO      MG/L    AT LAB     CACO3  HARDNESS      IRON     HAZEN            FLUORIDE  SILICATE
               FEET      MTRS                             MG/L      MG/L      MG/L      MG/L     UNITS      UG/L      MG/L   SI MG/L

19 06 75 1515              .3        19374       2.                                 0.10
10 09 75 1345              .3        19633       2.                                 0.03
23 10 75 1430              .3        19718       6.                                 0.20


                      MAXIMUM                    6.                                 0.20
           AVG OR GEOM MN (*)                    3.                                 0.11
                      MINIMUM                    2.                                 0.03

                NO OF SAMPLES                      3                                   3
                                        59         5         6         7       107        67        66        45        47        41
SAMP DTE HOUR  STN  STN SAMP  PJ  SULPHATE     TOTAL     SUSP.     DISS.     DISS.   PTSSIUM    SODIUM     TOT C   ORGANIC       COD
DY MO YR LMT   DIST BRG DEPTH                 SOLIDS    SOLIDS    SOLIDS    SOLIDS         K        NA      AS C    C AS C
               FEET      MTRS         MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

19 06 75 1515              .3         102.      355.        1.       354
10 09 75 1345              .3          45.      391.
23 10 75 1430              .3         200.      386.


                      MAXIMUM         200.      391.        1.       354
           AVG OR GEOM MN (*)         115.      377.        1.       354
                      MINIMUM          45.      355.        1.       354

                NO OF SAMPLES            3         3         1         1
                                       934       203       265        64        72       221       225       272       215       229
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE     TOTAL     TOTAL               TOTAL     TOTAL     TOTAL    SIMPLE     TOTAL     TOTAL
DY MO YR LMT   DIST BRG DEPTH           NO  ALUMINUM   ARSENIC   CALCIUM   CALCIUM  CHROMIUM    COPPER   CYANIDE   CADMIUM      LEAD
               FEET      MTRS                   MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

19 06 75 1515              .3        19374
10 09 75 1345              .3        19633
23 10 75 1430              .3        19718               0.01 L


                      MAXIMUM                            0.01
           AVG OR GEOM MN (*)                            0.01 D
                      MINIMUM                            0.01

                NO OF SAMPLES                                1
                                        65        74       200       235       238       249       217       218       219       361
SAMP DTE HOUR  STN  STN SAMP  PJ       MAG  TOT. MAG  MANGNESE     TOTAL     TOTAL     TOTAL     TOTAL    BARIUM  SELENIUM   SOLVENT
DY MO YR LMT   DIST BRG DEPTH       NESIUM    NESIUM        MN   MERCURY    NICKEL      ZINC    COBALT      MG/L      MG/L  EXTRBLES
               FEET      MTRS         MG/L      MG/L      MG/L      UG/L      MG/L      MG/L      MG/L                          MG/L

19 06 75 1515              .3                            0.02
10 09 75 1345              .3                            0.02
23 10 75 1430              .3                            0.08


                      MAXIMUM                            0.08
           AVG OR GEOM MN (*)                            0.04
                      MINIMUM                            0.02

                NO OF SAMPLES                               3
 SAMPLE INFORMATION SYSTEM        STATION SUMMARY REPORT - RIVER BASINS
                                                                                           DATE OF REPORT  28 OCT 77
  B.O.W./ SITE: CREEK TRIBUTARY TO BOW LAKE
  SAMPLE POINT: DOWNSTREAM FROM FARADAY MINE TAILINGS 70 1                                    STATION ID:  17-0021-063-02
  STATION TYPE: RIVER
                                                          MAJOR BASIN: GREAT LAKES
                                                          MINOR BASIN: LAKE ONTARIO                             STORET CODE: 02
                                                          TERM STREAM: TRENT RIVER.                                          004
                                                                                                                             1220
 STN NO     63       LAT                 LONG
                                                          U.T.M. 18 0269600.0 4989600.0 4    REGION 04            MILEAGE  117.00

                                       934        901      444        80         81         84        88        805        3           1
 SAMP DTE HOUR  STN  STN SAMP   PJ    SAMPLE        SCD  FLOW CFS     TOTAL      FECAL      M.F.     PSEUD.     WATER      DISS.      5-DAY
 DY MO YR LMT   DIST BRG DEPTH            NO                        COLIFORM   COLIFORM    ENTER.       MPA     TEMP.        O2        BOD
                FEET      MTRS                                      MF/100ML   MF/100ML   MF/100ML  MF/100ML    DEG C      MG/L       MG/L
 19 06 75 1530              .3
 10 09 75 1408              .3       19375      6
 23 10 75 1445              .3       19634      6                                                               23.0
                                     19719      6                                                               12.0       6.9
                                                                                                                12.0


                      MAXIMUM
           AVG OR GEOM MN (*)                                                                                   23.0       6.9
                      MINIMUM                                                                                   15.7       6.9
                                                                                                                12.0       6.9
                NO OF SAMPLES
                                                                                                                  3          1
                                      33        34         19         20         21         22        16        14
 SAMP DTE HOUR  STN  STN SAMP   PJ   TOTAL   FILTERED   FILTERED      TOTAL    NITRITE    NITRATE     TURB.      COND.      56          55
 DY MO YR LMT   DIST BRG DEPTH           P   REACTIVE    AMMONIA   KJELDAHL      NO2-N      NO3-N   FORMAZIN      25C   CHLORIDE         PH
                FEET      MTRS        MG/L     P MG/L       MG/L       MG/L       MG/L       MG/L     UNITS     UMHOS     MG/L       AT LAB
 19 06 75 1530              .3
 10 09 75 1408              .3                                                                        1.00       310                  7.5
 23 10 75 1445              .3                                                                        3.00       725                  7.1
                                                                                                     17.00       700                  7.2


                      MAXIMUM
           AVG OR GEOM MN (*)                                                                        17.00       725                  7.5
                      MINIMUM                                                                         7.00       578                  7.3
                                                                                                      1.00       310                  7.1
                NO OF SAMPLES
                                                                                                        3          3                    3
                                     934        95          52         50         76         61
 SAMP DTE HOUR  STN  STN SAMP   PJ  SAMPLE   ACIDITY   TOT ALK    HARDNESS    CALCUL      TOTAL       63         25       60         280
 DY MO YR LMT   DIST BRG DEPTH          NO      MG/L    AT LAB       CACO3   HARDNESS      IRON     COLOUR    PHENOLS              REACTIVE
                FEET      MTRS                            MG/L        MG/L       MG/L      MG/L      HAZEN             FLUORIDE    SILICATE
                                                                                                     UNITS       UG/L       MG/L    SI MG/L
 19 06 75 1530              .3      19375       4.
 10 09 75 1408              .3      19634       9.                                         0.30
 23 10 75 1445              .3      19719       9.                                         0.52
                                                                                           0.42


                      MAXIMUM                   9.
           AVG OR GEOM MN (*)                   7.                                         0.52
                      MINIMUM                   4.                                         0.41
                                                                                           0.30
                NO OF SAMPLES
                                                 3
                                                                                             3
                                     59          5          6          7        107         67
 SAMP DTE HOUR  STN  STN SAMP   PJ SULPHATE   TOTAL      SUSP.      DISS.      DISS.      PTSSIUM      66         45        47          41
 DY MO YR LMT   DIST BRG DEPTH                SOLIDS     SOLIDS     SOLIDS     SOLIDS         K      SODIUM     TOT C     ORGANIC      COD
                FEET      MTRS       MG/L      MG/L       MG/L       MG/L       MG/L       MG/L        NA       AS C      C AS C
                                                                                                      MG/L      MG/L      MG/L       MG/L
 19 06 75 1530              .3       100.      204.        2.        202
 10 09 75 1408              .3       280.      578.
 23 10 75 1445              .3       280.      503.


                      MAXIMUM        280.      578.        2.        202
           AVG OR GEOM MN (*)        220.      428.        2.        202
                      MINIMUM        100.      204.        2.        202

                NO OF SAMPLES
                                      3          3          1          1
                                    934        203        265         64         72        221        225        272        215        229
 SAMP DTE HOUR  STN  STN SAMP   PJ SAMPLE     TOTAL      TOTAL                 TOTAL      TOTAL      TOTAL     SIMPLE      TOTAL      TOTAL
 DY MO YR LMT   DIST BRG DEPTH         NO   ALUMINUM    ARSENIC    CALCIUM    CALCIUM   CHROMIUM    COPPER     CYANIDE    CADMIUM       LEAD
                FEET      MTRS                  MG/L       MG/L       MG/L       MG/L       MG/L      MG/L       MG/L       MG/L       MG/L
 19 06 75 1530              .3     19375
 10 09 75 1408              .3     19634
 23 10 75 1445              .3     19719
                                                        0.01 L


                      MAXIMUM                           0.01
           AVG OR GEOM MN (*)                           0.01 D
                      MINIMUM                           0.01

                NO OF SAMPLES                             1
                                     65         74        200        235        238        249        217
 SAMP DTE HOUR  STN  STN SAMP   PJ    MAG    TOT. MAG   MANGNESE     TOTAL      TOTAL      TOTAL      TOTAL       218        219         361
 DY MO YR LMT   DIST BRG DEPTH    NESIUM     NESIUM         MN     MERCURY     NICKEL      ZINC     COBALT     BARIUM    SELENIUM    SOLVENT
                FEET      MTRS      MG/L       MG/L       MG/L       UG/L       MG/L       MG/L      MG/L       MG/L       MG/L    EXTRBLES
                                                                                                                                    MG/L
 19 06 75 1530              .3
 10 09 75 1408              .3                          0.05
 23 10 75 1445              .3                          0.20
                                                        0.09


                      MAXIMUM
           AVG OR GEOM MN (*)                           0.20
                      MINIMUM                           0.11
                                                        0.05

                NO OF SAMPLES
                                                          3
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SAMPLE INFORMATION SYSTEM       STATICN SUMMARY REPORT - RIVER BASINS                       DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: CREEK OUTLET OF BENTLEY LAKE                                                    STATION ID:  17-0021-064-02
 SAMPLE POINT: UPSTREAM FROM FARADAY MINE TAILINGS AREA 70 2
 STATION TYPE: RIVER                                    MAJOR BASIN: GREAT LAKES                              STORET CODE: 02
                                                        MINOR BASIN: LAKE ONTARIO                                          004
                                                        TERM STREAM: TRENT RIVER                                           1220

STN NO    64      LAT               LONG                U.T.M. 18 0270350.0 4989350.0 4     REGION 04             MILEAGE  117.80


                                     934       901       444        80       81        84        88       805         3         1
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE     SCD    FLOW CFS     TOTAL    FECAL      M.F.    PSEUD.     WATER     DISS.     5-DAY
DY MO YR LMT   DIST BRG DEPTH           NO                      COLIFORM COLIFORM    ENTER.       MPA     TEMP.        02       BOD
               FEET      MTRS                                   MF/100ML MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L

19 06 75 1545              .3       19376    6 9                                                         24.0
10 09 75 1430              .3       19635    6 9                                                         14.8      14.6
23 10 75 1500              .3       19720    6 9                                                         14.9



                      MAXIMUM                                                                            24.0      14.6
           AVG OR GEOM MN (*)                                                                            17.9      14.6
                      MINIMUM                                                                            14.8      14.6

                NO OF SAMPLES                                                                                3         1

                                      33        34        19        20       21        22        16        14        56        55
SAMP DTE HOUR  STN  STN SAMP  PJ     TOTAL  FILTERED  FILTERED     TOTAL  NITRITE   NITRATE     TURB.     COND.  CHLORIDE        PH
DY MO YR LMT   DIST BRG DEPTH            P  REACTIVE   AMMONIA  KJELDAHL    NO2-N     NO3-N  FORMAZIN       25C      MG/L    AT LAB
               FEET      MTRS         MG/L    P MG/L      MG/L      MG/L     MG/L      MG/L     UNITS     UMHOS

19 06 75 1545              .3                                                                   1.90       106                  7.4
10 09 75 1430              .3                                                                   5.80       150                  7.3
23 10 75 1500              .3                                                                   3.40       200                  6.8



                      MAXIMUM                                                                   5.80       200                  7.4
           AVG OR GEOM MN (*)                                                                   3.70       152                  7.2
                      MINIMUM                                                                   1.90       106                  6.8

                NO OF SAMPLES                                                                      3         3                    3
                                     934        95        52        50       76        61        68        25        60       280
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE   ACIDITY  TOT ALK   HARDNESS   CALCUL     TOTAL    COLOUR   PHENOLS                REACTIVE
DY MO YR LMT   DIST BRG DEPTH           NO      MG/L    AT LAB     CACO3 HARDNESS      IRON     HAZEN             FLUORIDE  SILICATE
               FEET      MTRS                             MG/L      MG/L     MG/L      MG/L     UNITS      UG/L      MG/L   SI MG/L

19 06 75 1545              .3       19376       5.                                    1.00
10 09 75 1430              .3       19635       7.                                    1.50
23 10 75 1500              .3       19720       8.                                    1.10



                      MAXIMUM                   8.                                    1.50
           AVG OR GEOM MN (*)                   6.                                    1.20
                      MINIMUM                   5.                                    1.00

                NO OF SAMPLES                     3                                       3
                                      59         5         6         7      107        67        66        45        47        41
SAMP DTE HOUR  STN  STN SAMP  PJ  SULPHATE     TOTAL     SUSP.     DISS.    DISS.   PTSSIUM    SODIUM     TOT C   ORGANIC       COD
DY MO YR LMT   DIST BRG DEPTH                 SOLIDS    SOLIDS    SOLIDS   SOLIDS         K        NA      AS C    C AS C
               FEET      MTRS         MG/L      MG/L      MG/L      MG/L     MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

19 06 75 1545              .3         8.      73.         5.         68
10 09 75 1430              .3         9.      98.
23 10 75 1500              .3        17.      130.



                      MAXIMUM        17.      130.        5.         68
           AVG OR GEOM MN (*)        11.      100.        5.         68
                      MINIMUM         8.      73.         5.         68

                NO OF SAMPLES           3         3         1         1
                                     934       203       265        64        72      221       225       272       215       229
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE     TOTAL     TOTAL              TOTAL     TOTAL     TOTAL    SIMPLE     TOTAL     TOTAL
DY MO YR LMT   DIST BRG DEPTH           NO  ALUMINUM   ARSENIC   CALCIUM  CALCIUM  CHROMIUM    COPPER   CYANIDE   CADMIUM      LEAD
               FEET      MTRS                   MG/L      MG/L      MG/L     MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

19 06 75 1545              .3       19376
10 09 75 1430              .3       19635
23 10 75 1500              .3       19720               0.01 L



                      MAXIMUM                           0.01
           AVG OR GEOM MN (*)                           0.01 D
                      MINIMUM                           0.01

                NO OF SAMPLES                               1
                                      65        74       200       235       238       249      217       218       219       361
SAMP DTE HOUR  STN  STN SAMP  PJ       MAG  TOT. MAG  MANGNESE     TOTAL    TOTAL     TOTAL     TOTAL    BARIUM  SELENIUM   SOLVENT
DY MO YR LMT   DIST BRG DEPTH       NESIUM    NESIUM        MN   MERCURY   NICKEL      ZINC    COBALT      MG/L      MG/L  EXTRBLES
               FEET      MTRS         MG/L      MG/L      MG/L      UG/L     MG/L      MG/L      MG/L                          MG/L

19 06 75 1545              .3                           0.09
10 09 75 1430              .3                           0.07
23 10 75 1500              .3                           0.04



                      MAXIMUM                           0.09
           AVG OR GEOM MN (*)                           0.07
                      MINIMUM                           0.04

                NO OF SAMPLES                               3
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SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS

DATE OF REPORT 28 OCT 77

B.O.W./ SITE: OTONABEE RIVER
SAMPLE POINT: LOCK 25 LAKEFIELD
STATION TYPE: RIVER

STATION ID: 17-0021-065-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO 65 LAT LONG U.T.M. 17 0717900.0 4919875.0 4 REGION 03 MILEAGE 98.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
14 01 75 0900			.3		22501	6 8	4600.	10. L	1.	4.		1.5		0.8
28 02 75 0920			.3		22513	6 8	3850.	10.	1.	1.		1.5		0.2
24 03 75 0845			.3		22525	6 8	5770.	8.	1.	4.		2.0		0.2
21 04 75 0900			.3		22537	3	5930.	40.	1.	1.		4.0		1.2
15 05 75 0820			.3		22549	6 8	2240.	60.	8.	32.		14.5		1.4
26 06 75 0940			.3		22561	6 8	1210.	130.	28.	4.		23.0		1.0
30 07 75 0845			.3		22573	0 6 8	579.	70.	16.	8.		23.0		1.2
03 09 75 0840			.3		22585	8 6	1040.	1500. L	36.	1.		16.0		1.0
14 10 75 0855			.3		22597	8 6	563.	100.	4.	4.		14.0		1.0
13 11 75 0920			.3		22609	6 8	1850.	100. L	1.	1.		9.5		1.4
15 12 75 0845			.3		22621	6 8	2100.	130.	4.	24.		4.0		1.0
MAXIMUM							5930.	1500.	36.	32.		23.0		1.4
AVG OR GEOM MN (*)							2703.	60.* D	4.*	4.*		10.3		0.9
MINIMUM							563.	8.	1.	1.		1.5		0.2
NO OF SAMPLES							11	11	11	11		11		11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
14 01 75 0900			.3		0.010	0.001	0.02	0.40	0.003	0.040	9.80	195	4.	
28 02 75 0920			.3		0.012	0.003	0.04	0.37	0.005	0.170	1.00	190	5.	
24 03 75 0845			.3		0.018	0.003	0.07	0.40	0.005	0.250	1.20	220	5.	
21 04 75 0900			.3		0.047	0.001	0.01	0.51	0.005	0.240	3.50	220	5.	
15 05 75 0820			.3		0.018	0.001L	0.01	0.49	0.005	0.040	1.00	195	4.	
26 06 75 0940			.3		0.020	0.002	0.02	0.43	0.002	0.010L	1.10	190	4.	
30 07 75 0845			.3		0.018	0.002	0.01	0.37	0.002	0.010	1.20	195	4.	
03 09 75 0840			.3		0.020	0.001	0.01 L	0.49	0.002	0.010L	1.90	195	4.	
14 10 75 0855			.3		0.017	0.001	0.01 L	0.54	0.002	0.020	1.30	190	3.	
13 11 75 0920			.3		0.022	0.005	0.02	0.49	0.002	0.020	1.50	175	3.	
15 12 75 0845			.3		0.026	0.012	0.04	0.39	0.005	0.010	1.80	175	4.	
MAXIMUM					0.047	0.012	0.07	0.54	0.005	0.250	9.80	220	5.	
AVG OR GEOM MN (*)					0.021	0.003D	0.02 D	0.44	0.003	0.075D	2.30	195	4.	
MINIMUM					0.010	0.001	0.01	0.37	0.002	0.010	1.00	175	3.	
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	

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SAMPLE INFORMATION SYSTEM       STATION SUMMARY REPORT - RIVER BASINS                       DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: OUSE RIVER                                                                      STATION ID:  17-0021-066-02
 SAMPLE POINT: FIRST CONCESSION DOWNSTREAM FROM NORWOOD
 STATION TYPE: RIVER                                    MAJOR BASIN: GREAT LAKES                              STORET CODE: 02
                                                        MINOR BASIN: LAKE ONTARIO                                          004
                                                        TERM STREAM: TRENT RIVER                                           1220

STN NO    66      LAT               LONG                 U.T.M. 18 0261800.0 4916875.0 4    REGION 03             MILEAGE   63.00


                                     934       901      444          80       81        84        88       805         3         1
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE       SCO FLOW CFS      TOTAL     FECAL      M.F.    PSEUD.    WATER     DISS.      5-DAY
DY MO YR LMT   DIST BRG DEPTH           NO                      COLIFORM  COLIFORM    ENTER.       MPA    TEMP.        O2        BOD
               FEET      MTRS                                   MF/100ML  MF/100ML  MF/100ML  MF/100ML    DEG C      MG/L       MG/L

14 01 75 1105              .3       22502    6 8        195.     440.       36.      108.                  2.0                  1.0
28 02 75 1030              .3       22514    6 8        230.      30.        4.        8.                  2.5                  0.8
24 03 75 1045              .3       22526    3          577.     100.       20.       28.                  1.5                  0.4
21 04 75 1045              .3       22538    3 6 8      843.      92.       24.        8.                  4.5                  0.7
15 05 75 1045              .3       22550    6 8        114.      24.        8.        1.                 16.0                  0.8
26 06 75 1055              .3       22562    6 8        49.0     568.      148.       24.                 23.0                  1.0
30 07 75 1115              .3       22574    0 6 8      18.1    1500.  G   600.  G    16.                 24.0                  0.8
03 09 75 1320              .3       22586    8 5         6.9    3600.       10.  L    20.                 19.0                  8.0
14 10 75 1125              .3       22598    8 6         8.7     500.       28.       12.                 14.0                  1.8
13 11 75 1100              .3       22610    6 8        16.6     600.       28.       40.                  9.0                  1.0
15 12 75 1020              .3       22622    3          65.8    4600.      600.  G   600.  G               4.0                  0.8


                      MAXIMUM                           843.    4600.      600.      600.                 24.0                  8.0
           AVG OR GEOM MN (*)                          193.1     358.* U    38.* E    21.* U              10.9                  1.6
                      MINIMUM                            6.9      24.        4.        1.                  1.5                  0.4

                NO OF SAMPLES                             11        11        11        11                  11                   11



                                       33        34        19        20        21        22       16        14        56         55
SAMP DTE HOUR  STN  STN SAMP  PJ     TOTAL   FILTERED  FILTERED    TOTAL   NITRITE   NITRATE   TURB.       COND.  CHLORIDE        PH
DY MO YR LMT   DIST BRG DEPTH            P   REACTIVE   AMMONIA KJELDAHL     NO2-N     NO3-N FORMAZIN        25C      MG/L    AT LAB
               FEET      MTRS         MG/L     P MG/L      MG/L     MG/L      MG/L      MG/L   UNITS      UMHOS

14 01 75 1105              .3       0.037     0.016     0.05      0.56     0.005     0.290       1.20       425      9.
28 02 75 1030              .3       0.050     0.030     0.15      0.58     0.012     0.640       1.60       375      8.
24 03 75 1045              .3       0.036     0.010     0.02      0.52     0.013     0.330       1.60       307      5.
21 04 75 1045              .3       0.026     0.003     0.01  L   0.40     0.010     0.100       4.00       270      3.
15 05 75 1045              .3       0.043     0.003     0.01  L   0.48     0.004     0.100       1.30       360      5.
26 06 75 1055              .3       0.092     0.003     0.02      0.72     0.006     0.290       2.10       360      5.
30 07 75 1115              .3       0.020     0.004     0.02      0.50     0.008     0.930       1.20       400     12.
03 09 75 1320              .3       0.310     0.004     0.04      2.60     0.078     1.500       2.40       445     23.
14 10 75 1125              .3       0.046     0.020     0.01      0.44     0.042     1.700       1.40       480     26.
13 11 75 1100              .3       0.041     0.015     0.02      0.53     0.002     0.950       1.80       475     21.
15 12 75 1020              .3       0.140     0.066     0.12      0.88     0.010     0.710      18.00       510     37.


                      MAXIMUM       0.310     0.066     0.15      2.60     0.078     1.700      18.00       510     37.
           AVG OR GEOM MN (*)       0.076     0.016     0.04  D   0.75     0.017     0.685       3.33       401     14.
                      MINIMUM       0.020     0.003     0.01      0.40     0.002     0.100       1.20       270      3.

                NO OF SAMPLES          11        11        11        11        11        11        11       11        11
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SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

B.O.W./ SITE: TRENT RIVER
SAMPLE POINT: BRIDGE STREET BRIDGE HASTINGS
STATION TYPE: RIVER

STATION ID: 17-0021-067-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO 67   LAT   LONG   U.T.M. 18 0264175.0 4910125.0 4   REGION 03   MILEAGE 50.40

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
14 01 75	1205			.3		22505	4		10.	1.	8.		1.5		0.8
28 02 75	1125			.3		22517	6 8		10.	4.	4.		3.0		0.6
24 03 75	1135			.3		22529	6 8		8.	8.	1.		2.5		0.8
21 04 75	1130			.3		22541	6 8		76.	1.	1.		5.0		1.4
15 05 75	1155			.3		22553	6 8		28.	4.	4.		18.0		1.6
26 06 75	1125			.3		22565	6 8		156.	8.	64.		25.0		1.2
30 07 75	1200			.3		22577	0 6 8		1500. G	192.	40.		24.5		5.0
03 09 75	1400			.3		22589	8 6		600. L	32.	1.		22.0		5.0
14 10 75	1215			.3		22601	8 5		600.	20.	10.		16.0		40.0
13 11 75	1150			.3		22613	5 8		100.	10. L	10. L		10.0		1.4
15 12 75	1110			.3		22625	6 8		140.	4.	40.		2.0		1.2
MAXIMUM									1500.	192.	64.		25.0		40.0
AVG OR GEOM MN (*)									86.* E	8.* D	7.* D		11.8		5.4
MINIMUM									8.	1.	1.		1.5		0.6
NO OF SAMPLES									11	11	11		11		11

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
14 01 75	1205			.3		0.017	0.001	0.04	0.44	0.003	0.040	1.00	212	5.	
28 02 75	1125			.3		0.019	0.002	0.05	0.41	0.004	0.180	1.70	215	5.	
24 03 75	1135			.3		0.039	0.002	0.06	0.51	0.006	0.240	2.80	215	6.	
21 04 75	1130			.3		0.025	0.001	0.01 L	0.49	0.006	0.220	2.10	225	5.	
15 05 75	1155			.3		0.018	0.001L	0.01 L	0.45	0.002	0.010L	1.80	210	5.	
26 06 75	1125			.3		0.032	0.003	0.03	0.42	0.002	0.010L	2.20	210	5.	
30 07 75	1200			.3		0.075	0.002	0.04	1.20	0.004	0.040	0.85	260	10.	
03 09 75	1400			.3		0.094	0.001	0.20	1.80	0.007	0.020	7.50	190	6.	
14 10 75	1215			.3		0.460	0.002	2.30	8.80	0.002	0.010L	31.00	230	6.	
13 11 75	1150			.3		0.050	0.003	0.01	0.75	0.002	0.020	3.60	240	6.	
15 12 75	1110			.3		0.025	0.001	0.02	0.46	0.003	0.010	2.50	265	12.	
MAXIMUM						0.460	0.003	2.30	8.80	0.007	0.240	31.00	265	12.	
AVG OR GEOM MN (*)						0.078	0.002D	0.25 D	1.43	0.004	0.073D	5.19	225	6.	
MINIMUM						0.017	0.001	0.01	0.41	0.002	0.010	0.85	190	5.	
NO OF SAMPLES						11	11	11	11	11	11	11	11	11	

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SAMPLE INFORMATION SYSTEM        STATION SUMMARY REPORT - RIVER BASINS                    DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: TRENT RIVER                                                                   STATION ID:  17-0021-068-83
 SAMPLE POINT: NEW HIGHWAY 2 BRIDGE TRENTON
 STATION TYPE: RIVER COMPOSITE                         MAJOR BASIN: GREAT LAKES                        STORET CODE: 02
                                                       MINOR BASIN: LAKE ONTARIO                                    004
                                                       TERM STREAM: TRENT RIVER                                     1220

STN NO     68       LAT               LONG             U.T.M. 18 0293600.0 4886625.0 4     REGION 04           MILEAGE     0.50

                                        934      901      444        80        81        84        88       805         3          1
SAMP DTE HOUR  STN  STN SAMP  PJ      SAMPLE       SCD  FLOW CFS     TOTAL     FECAL      M.F.    PSEUD.     WATER     DISS.      5-DAY
DY MO YR LMT   DIST BRG DEPTH             NO                     COLIFORM  COLIFORM    ENTER.       MPA     TEMP.        02        BOD
               FEET       MTRS                                   MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L       MG/L

13 01 75 0850               .3        25000   6         6950.     492.      176.      108.                    0.0      13.0        1.8
17 03 75                    .3        25009             6560.     770.      210.       30.                                           1.0
16 04 75 0825               .3        25013   6         9000.     130.       10.  L    10.  L                 4.0      13.0        0.9
26 05 75 0830               .3        25018   6         2130.     210.       10.       10.  L                23.0       9.0        1.2
24 06 75 0820               .3        25023   6         2210.     150.       10.  L    10.  L                25.0       9.0        1.0
29 07 75 0835               .3        25028   6 9        963.     250.      100.       10.  L                23.0       8.0        2.8
29 09 75 0825               .3        25033   6 9       1030.     170.       20.       44.                   14.0                  2.4
21 10 75 0830               .3        25038   6         1300.     450.       10.        1.                   10.0                  1.2
17 12 75 0850               .3        25043   6         4530.     420.       80.       60.                    0.0                  0.8
    .

                    MAXIMUM                             9000.     770.      210.      108.                   25.0      13.0        2.8
          AVG OR GEOM MN (*)                            3853.     285.*      34.* D    16.* D                12.4      10.4        1.5
                    MINIMUM                              963.     130.       10.        1.                    0.0       8.0        0.8

               NO OF SAMPLES                                9         9         9         9                     8         5          9

                                  33        34        19        20        21        22        16        14        56         55
SAMP DTE HOUR  STN  STN SAMP  PJ  TOTAL  FILTERED  FILTERED     TOTAL   NITRITE   NITRATE     TURB.     COND.  CHLORIDE         PH
DY MO YR LMT   DIST BRG DEPTH         P  REACTIVE   AMMONIA  KJELDAHL     NO2-N     NO3-N  FORMAZIN       25C      MG/L     AT LAB
               FEET       MTRS     MG/L    P MG/L      MG/L      MG/L      MG/L      MG/L     UNITS     UMHOS

13 01 75 0850               .3    0.040     0.006     0.03      0.64     0.005     0.080      0.87       240       5.
17 03 75                    .3    0.025     0.002     0.05      0.69     0.007     0.440      2.00       235       6.
16 04 75 0825               .3    0.021     0.001     0.01 L    0.39     0.003     0.300      1.40       255       5.
26 05 75 0830               .3    0.040     0.017     0.04      0.56     0.004     0.030      1.80       215       4.
24 06 75 0820               .3    0.030     0.003     0.04      0.46     0.003     0.040      1.50        64       5.
29 07 75 0835               .3    0.081     0.003     0.02      0.69     0.002     0.140      2.10       207       5.
29 09 75 0825               .3    0.050     0.001     0.01 L    0.86     0.005     0.080      2.60       220       6.
21 10 75 0830               .3    0.029     0.002     0.03      0.67     0.007     0.110      2.50       235       6.
17 12 75 0850               .3    0.028     0.021     0.03      0.50     0.005     0.110      2.40       275       6.

                    MAXIMUM       0.081     0.021     0.05      0.86     0.007     0.440      2.60       275       6.
          AVG OR GEOM MN (*)      0.038     0.006     0.03 D    0.61     0.005     0.148      1.91       216       5.
                    MINIMUM       0.021     0.001     0.01      0.39     0.002     0.030      0.87        64       4.

               NO OF SAMPLES          9         9         9         9         9         9         9         9         9

                                     59         5         6         7       107        67        66        45        47         41
SAMP DTE HOUR  STN  STN SAMP  PJ SULPHATE    TOTAL     SUSP.     DISS.     DISS.   PTSSIUM    SODIUM     TOT C   ORGANIC        COD
DY MO YR LMT   DIST BRG DEPTH               SOLIDS    SOLIDS    SOLIDS    SOLIDS         K        NA      AS C    C AS C
               FEET       MTRS     MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L       MG/L

13 01 75 0850               .3              170.       15. L               155
17 03 75                    .3              157.        4.                 153
16 04 75 0825               .3              172.        4.                 168
26 05 75 0830               .3              144.        4.                 140
24 06 75 0820               .3               47.        5.                  42
29 07 75 0835               .3              134.       17.                 117
29 09 75 0825               .3              152.        9.                 143
21 10 75 0830               .3              159.        6.                 153

                    MAXIMUM                 172.       17.                 168
          AVG OR GEOM MN (*)                141.        8. D               134
                    MINIMUM                  47.        4.                  42

               NO OF SAMPLES                   8         8                   8
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SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: BAXTER CREEK
SAMPLE POINT: 1.5 MILES DOWNSTREAM FROM MILLBROOK
STATION TYPE: RIVER

STATION ID: 17-0021-069-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO 69 LAT LONG U.T.M. 17 0707010.0 4893900.0 4 REGION 03 MILEAGE 83.30

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
14 01 75	1405			.3		22508	4		1100.	70.	20.		2.0		0.6
28 02 75	1405			.3		22520	6 8		440.	20.	30.		2.0		0.8
24 03 75	1335			.3		22532	6 8		160.	360.	90.		2.0		0.6
21 04 75	1325			.3		22544	6 8		220.	40.	260.		7.0		0.6
15 05 75	1310			.3		22556							16.0		0.6
26 06 75	1445			.3		22568	6 8		1090.	120.	10.		21.0		1.4
30 07 75	1410			.3		22580	0 6 8		400.	110.	20.		23.0		1.0
03 09 75	1440			.3		22592	8 6		800.	40.	10.		16.0		0.4
14 10 75	1400			.3		22604	8 6		940.	170.	60.		14.5		1.4
13 11 75	1455			.3		22616	6 8		550.	70.	30.		9.0		0.8
15 12 75	1225			.3		22628	6 8		11000.	900.	1500. G		4.0		1.2
MAXIMUM									11000.	900.	1500.		23.0		1.4
AVG OR GEOM MN (*)									713.*	101.*	49.* U		10.6		0.9
MINIMUM									160.	20.	10.		2.0		0.4
NO OF SAMPLES									10	10	10		11		11

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
14 01 75	1405			.3		0.033	0.010	0.04	0.43	0.008	0.520	3.20	440	6.	
28 02 75	1405			.3		0.039	0.016	0.08	0.38	0.008	0.810	3.30	390	6.	
24 03 75	1335			.3		0.098	0.030	0.14	0.77	0.013	0.720	9.70	310	5.	
21 04 75	1325			.3		0.036	0.011	0.03	0.52	0.005	0.650	2.10	370	6.	
15 05 75	1310			.3		0.014	0.004	0.01 L	0.25	0.007	0.270	1.40	390	7.	
26 06 75	1445			.3		0.045	0.023	0.03	0.29	0.010	0.340	2.90	350	4.	
30 07 75	1410			.3		0.024	0.012	0.01	0.31	0.005	0.360	1.70	368	3.	
03 09 75	1440			.3		0.026	0.009	0.01 L	0.26	0.009	0.450	2.20	370	3.	
14 10 75	1400			.3		0.038	0.007	0.01	0.33	0.005	0.270	3.00	380	3.	
13 11 75	1455			.3		0.022	0.012	0.03	0.25	0.006	0.550	1.80	415	4.	
15 12 75	1225			.3		0.150	0.023	0.05	0.78	0.008	0.720	20.00	390	14.	
MAXIMUM						0.150	0.030	0.14	0.78	0.013	0.810	20.00	440	14.	
AVG OR GEOM MN (*)						0.048	0.014	0.04 D	0.42	0.008	0.515	4.66	379	5.	
MINIMUM						0.014	0.004	0.01	0.25	0.005	0.270	1.40	310	3.	
NO OF SAMPLES						11	11	11	11	11	11	11	11	11	

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SAMPLE INFORMATION SYSTEM        STATION SUMMARY REPORT - RIVER BASINS                              DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: SALT CREEK                                                                            STATION ID:   17-0021-071-02
 SAMPLE POINT: CONCESSION EAST HIGHWAY 30 4 MILES FROM MEYERSBURG
 STATION TYPE: RIVER                                         MAJOR BASIN: GREAT LAKES                              STORET CODE: 02
                                                             MINOR BASIN: LAKE ONTARIO                                          004
                                                             TERM STREAM: TRENT RIVER                                           1220

STN NO     71        LAT                LONG                 U.T.M. 18 0274690.0 4897725.0 4     REGION 03              MILEAGE    26.20


                                        934        901        444         80         81         84         88        805          3          1
SAMP DTE HOUR   STN  STN SAMP  PJ     SAMPLE        SCD  FLOW CFS      TOTAL      FECAL       M.F.     PSEUD.      WATER      DISS.      5-DAY
DY MO YR LMT    DIST BRG DEPTH            NO                        COLIFORM   COLIFORM     ENTER.        MPA      TEMP.         O2        BOD
                FEET       MTRS                                    MF/100ML   MF/100ML   MF/100ML   MF/100ML      DEG C       MG/L       MG/L

29 01 75 1410                .3       19060     4                     230.        90.        20.                    0.2       13.7        0.2
18 02 75 1400                .3       19132     4                      10.        10.  L     70.                    1.5       12.9        1.6
02 04 75 1140                .3       19220     6                     410.       250.       230.                    3.2       10.4        0.6
13 05 75 1600                .3       19274     6                      10.  L     10.  L     10.  L                15.5       11.9        0.8
24 06 75 1530                .3       19398     6                      90.        24.         1.                   26.8        8.6        1.0
07 08 75 1315                .3       19538     6                     500.       240.       190.                   16.4        9.2        1.2
09 09 75 1535                .3       19628     6                     230.        90.        60.                   18.0        6.0        1.2
29 10 75 1555                .3       19741     6                     110.        20.        40.                   11.0       10.5        0.6



                        MAXIMUM                                       500.       250.       230.                   26.8       13.7        1.6
           AVG OR GEOM MN (*)                                         101.* D     47.* D     33.* D                11.6       10.4        0.9
                        MINIMUM                                        10.        10.         1.                    0.2        6.0        0.2

                NO OF SAMPLES                                            8          8          8                      8          8          8



                                         33         34         19         20         21         22         16         14         56         55
SAMP DTE HOUR   STN  STN SAMP  PJ      TOTAL   FILTERED   FILTERED      TOTAL    NITRITE    NITRATE      TURB.      COND.   CHLORIDE         PH
DY MO YR LMT    DIST BRG DEPTH             P   REACTIVE    AMMONIA   KJELDAHL      NO2-N      NO3-N   FORMAZIN        25C       MG/L     AT LAB
                FEET       MTRS         MG/L     P MG/L       MG/L       MG/L       MG/L       MG/L      UNITS      UMHOS

29 01 75 1410                .3        0.037      0.017      0.06       0.30       0.008      1.300       1.90        459         7.
18 02 75 1400                .3        0.043      0.013      0.15       0.42       0.009      1.100       6.20        425         6.
02 04 75 1140                .3        0.054      0.022      0.14       0.43       0.014      1.300       6.80        440         6.
13 05 75 1600                .3        0.031      0.003      0.01 L     0.30       0.012      0.480       4.00        410         5.
24 06 75 1530                .3        0.068      0.021      0.03       0.45       0.025      0.490       6.00        390         4.
07 08 75 1315                .3        0.049      0.012      0.01       0.37       0.017      0.460      15.00        395         3.
09 09 75 1535                .3        0.020      0.003      0.01 L     0.34       0.007      0.390       2.00        385         3.
29 10 75 1555                .3        0.023      0.004      0.01 L     0.28       0.006      0.530       3.40        415         4.



                        MAXIMUM        0.068      0.022      0.15       0.45       0.025      1.300      15.00        459         7.
           AVG OR GEOM MN (*)          0.041      0.012      0.05 D     0.36       0.012      0.756       5.66        415         4.
                        MINIMUM        0.020      0.003      0.01       0.28       0.006      0.390       1.90        385         3.

                NO OF SAMPLES              8          8          8          8          8          8          8          8          8



                                         59          5          6          7        107         67         66         45         47         41
SAMP DTE HOUR   STN  STN SAMP  PJ   SULPHATE      TOTAL      SUSP.      DISS.      DISS.    PTSSIUM     SODIUM      TOT C    ORGANIC        COD
DY MO YR LMT    DIST BRG DEPTH                   SOLIDS     SOLIDS     SOLIDS     SOLIDS          K         NA       AS C     C AS C
                FEET       MTRS         MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L

29 01 75 1410                .3                    300.        15. L      285
18 02 75 1400                .3                    280.        20.        260
13 05 75 1600                .3                    260.         9.        251
09 09 75 1535                .3                    235.         9.        226



                        MAXIMUM                    300.        20.        285
           AVG OR GEOM MN (*)                      266.        13. D      256
                        MINIMUM                    235.         9.        226

                NO OF SAMPLES                         4          4          4
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SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: PLATO CREEK
SAMPLE POINT: HIGHWAY 7 1 MILE EAST OF HAVELOCK
STATION TYPE: RIVER

STATION ID: 17-0021-072-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO 72 LAT LONG U.T.M. 18 0272975.0 4923700.0 4 REGION 03 MILEAGE 61.00

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
29 01 75	1500			.3		19062	4		430.	10. L	10. L		0.5	12.6	0.6
18 02 75	1448			.3		19134	4		30.	10.	120.		1.5	12.4	1.0
02 04 75	1330			.3		19222	6		30.	10. L	10.		3.5	10.8	0.4
13 05 75	1700			.3		19276	6		390.	10.	10. L		14.9	12.3	0.8
24 06 75	1620			.3		19400	6 8		810.	76.	24.		24.0	7.6	1.2
08 07 75	0930			.3		19456	6 8		580.	120.	80.		22.0	10.0	0.6
07 08 75	1400			.3		19539	6 8		590.	170.	170.		19.0	7.7	1.2
09 09 75	1610			.3		19629	6 9		580.	340.	170.		16.0	4.7	1.4
29 10 75	1648			.3		19743	6		60.	10. L	40.		9.8	6.4	0.4
MAXIMUM									810.	340.	170.		24.0	12.6	1.4
AVG OR GEOM MN (*)									225.*	33.* D	40.* D		12.4	9.4	0.8
MINIMUM									30.	10.	10.		0.5	4.7	0.4
NO OF SAMPLES									9	9	9		9	9	9

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
29 01 75	1500			.3		0.020	0.014	0.03	0.39	0.006	1.700	1.90	460	7.	
18 02 75	1448			.3		0.032	0.015	0.12	0.43	0.008	0.750	6.40	445	6.	
02 04 75	1330			.3		0.012	0.004	0.01	0.35	0.005	0.230	0.90	390	13.	
13 05 75	1700			.3		0.029	0.001	0.01 L	0.45	0.004	0.010L	2.40	405	6.	
24 06 75	1620			.3		0.044	0.020	0.01	0.34	0.007	0.310	1.40	450	18.	
08 07 75	0930			.3		0.064	0.033	0.03	0.45	0.009	0.370	1.70	460	17.	
07 08 75	1400			.3		0.062	0.038	0.03	0.52	0.047	0.090	1.70	475	20.	
09 09 75	1610			.3		0.041	0.016	0.01 L	0.53	0.003	0.010L	1.90	550	29.	
29 10 75	1648			.3		0.016	0.005	0.01 L	0.40	0.002	0.010L	0.85	560	32.	
MAXIMUM						0.064	0.038	0.12	0.53	0.047	1.700	6.40	560	32.	
AVG OR GEOM MN (*)						0.036	0.016	0.03 D	0.43	0.010	0.387D	2.13	466	16.	
MINIMUM						0.012	0.001	0.01	0.34	0.002	0.010	0.85	390	6.	
NO OF SAMPLES						9	9	9	9	9	9	9	9	9	

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
29 01 75	1500			.3			300.	15. L	285						
18 02 75	1448			.3			290.	8.	282						
13 05 75	1700			.3			269.	9.		260					
09 09 75	1610			.3			344.	3.	341						
MAXIMUM							344.	15.	341	260					
AVG OR GEOM MN (*)							300.	8. D	303	260					
MINIMUM							269.	3.	282	260					
NO OF SAMPLES							4	4	3	1					

SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: PIGEON RIVER STATION ID: 17-0021-074-02
SAMPLE POINT: FEE LANDING 3 MILES NORTH OF OMEMEE
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES STORET CODE: 02
MINOR BASIN: LAKE ONTARIO 004
TERM STREAM: TRENT RIVER 1220

STN NO 74 LAT LONG U.T.M. 17 0695950.0 4912550.0 4 REGION 03 MILEAGE 141.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
30 01 75 0850			.3		19063	4		44.	1.	4.		0.0	13.2	2.0
19 02 75 0930			.3		19135	4		30.	10. L	10.		2.0	13.0	1.4
02 04 75 1530			.3		19223	6		10. L	10. L	10.		1.5	10.2	0.4
14 05 75 0900			.3		19277	6		4.	1.	1.		13.0	11.7	0.4
25 06 75 1610			.3		19401	6 8		24.	1.	4.		27.0	7.1	0.8
09 07 75 0850			.3		19457	6 8		188.	4.	1.		25.0	7.0	1.2
08 08 75 0705			.3		19540	6 8		84.	8.	8.		15.8	8.0	0.4
28 08 75 1030			.3		19583	6		30.	1.	4.		15.0	10.0	1.0
11 09 75 1400			.3		19646	6 8		70.	44.	8.		17.5	10.8	2.6
30 10 75 1750			.3		19757	6		30.	1.	1.		9.0	11.2	1.2
MAXIMUM								188.	44.	10.		27.0	13.2	2.6
AVG OR GEOM MN (*)								32.* D	3.* D	4.*		12.6	10.2	1.1
MINIMUM								4.	1.	1.		0.0	7.0	0.4
NO OF SAMPLES								10	10	10		10	10	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
30 01 75 0850			.3		0.015	0.009	0.14	0.44	0.011	0.340	0.94	440	5.	
19 02 75 0930			.3		0.018	0.009	0.20	0.43	0.011	0.300	3.30	452	4.	
02 04 75 1530			.3		0.014	0.001	0.02	0.36	0.011	0.090	1.20	345	5.	
14 05 75 0900			.3		0.031	0.002	0.01 L	0.39	0.004	0.030	3.00	188	4.	
25 06 75 1610			.3		0.026	0.001	0.03	0.75	0.002	0.010L	1.10	245	3.	
09 07 75 0850			.3		0.040	0.006	0.07	0.96	0.004	0.150	2.70	265	3.	
08 08 75 0705			.3		0.024	0.003	0.03	0.43	0.003	0.010	1.90	190	4.	
28 08 75 1030			.3		0.016	0.006	0.02	0.79	0.003	0.010L	1.20	210		
11 09 75 1400			.3		0.063	0.001	0.02	0.50	0.001	0.130	3.70	195	6.	
30 10 75 1750			.3		0.026	0.004	0.26	0.42	0.006	0.080	1.20	540	67.	
MAXIMUM					0.063	0.009	0.26	0.96	0.011	0.340	3.70	540	67.	
AVG OR GEOM MN (*)					0.027	0.004	0.08 D	0.55	0.006	0.115D	2.02	307	11.	
MINIMUM					0.014	0.001	0.01	0.36	0.001	0.010	0.94	188	3.	
NO OF SAMPLES					10	10	10	10	10	10	10	10	9	

SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

B.O.W./ SITE: BURNT RIVER
SAMPLE POINT: FIRST BRIDGE 4 MILES SOUTH OF KINMOUNT
STATION TYPE: RIVER

STATION ID: 17-0021-075-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO 75   LAT   LONG   U.T.M. 17 0685250.0 4956500.0 4   REGION 03   MILEAGE 174.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
30 01 75 1210			.3		19069	4	500.	30.	4.	1.		0.0	13.9	1.2
19 02 75 1300			.3		19141	4	312.	70.	10. L	10. L		1.0	13.2	0.8
05 04 75 1400			.3		19229	6	727.	36.	4.	4.		0.9	10.8	0.2
15 05 75 1115			.3		19283	6	462.	1.	1.	1.		13.0	10.3	0.8
25 06 75 1310			.3		19407	6 8	404.	204.	68.	1.		23.2	6.1	1.0
09 07 75 1325			.3		19463	6 8	556.	36.	12.	8.		24.0	6.8	0.8
08 08 75 1140			.3		19546	6 8	109.	344.	20.	24.		17.5	7.2	0.6
28 08 75 1510			.3		19589	6	238.	56.	4.	1.		23.0	8.2	0.4
11 09 75 1015			.3		19641	6 8	121.	80.	4.	8.		18.0	11.0	2.6
30 10 75 1500			.3		19752	6 8	149.	156.	44.	1.		7.5	11.2	1.0
MAXIMUM							727.	344.	68.	24.		24.0	13.9	2.6
AVG OR GEOM MN (*)							358.	52.*	8.* D	3.* D		12.8	9.9	0.9
MINIMUM							109.	1.	1.	1.		0.0	6.1	0.2
NO OF SAMPLES							10	10	10	10		10	10	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
30 01 75 1210			.3		0.019	0.008	0.13	0.43	0.009	0.320	0.76	440	5.	
19 02 75 1300			.3		0.027	0.010	0.21	0.47	0.011	0.320	2.10	470	11.	
05 04 75 1400			.3		0.009	0.002	0.05	0.33	0.004	0.120	1.30	108	3.	
15 05 75 1115			.3		0.013	0.002	0.01 L	0.22	0.003	0.080	3.00	81	2.	
25 06 75 1310			.3		0.014	0.001	0.02	0.35	0.003	0.010L	1.40	98	3.	
09 07 75 1325			.3		0.034	0.001	0.01	0.49	0.002	0.010	2.30	190	4.	
08 08 75 1140			.3		0.029	0.004	0.05	0.42	0.001	0.010	1.60	210	5.	
28 08 75 1510			.3		0.009	0.002	0.01	0.27	0.002	0.010L	1.00	96	2.	
11 09 75 1015			.3		0.027	0.001	0.02	0.48	0.001	0.010L	2.00	190	4.	
30 10 75 1500			.3		0.021	0.003	0.01 L	0.40	0.006	0.080	1.70	455	8.	
MAXIMUM					0.034	0.010	0.21	0.49	0.011	0.320	3.00	470	11.	
AVG OR GEOM MN (*)					0.020	0.003	0.05 D	0.39	0.004	0.097D	1.72	234	4.	
MINIMUM					0.009	0.001	0.01	0.22	0.001	0.010	0.76	81	2.	
NO OF SAMPLES					10	10	10	10	10	10	10	10	10	

SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

B.O.W./ SITE: GULL RIVER   STATION ID: 17-0021-076-02
SAMPLE POINT: HIGHWAY 503 BRIDGE NORLAND
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES   STORET CODE: 02
MINOR BASIN: LAKE ONTARIO   004
TERM STREAM: TRENT RIVER   1220

STN NO 76   LAT   LONG   U.T.M. 17 0673310.0 4954950.0 4   REGION 03   MILEAGE 173.30

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
30 01 75 1330			.3		19070	6	690.	8.	1.	1.		0.0	13.8	1.8
19 02 75 1330			.3		19142	6	530.	10. L	10. L	10. L		4.2	13.6	1.0
05 04 75 1500			.3		19230	6	593.	4.	1.	1.		1.0	10.2	0.2
15 05 75 1030			.3		19284	6	738.	52.	4.	1.		12.2	10.4	1.6
25 06 75 1345			.3		19408	6	555.	36.	1.	1.		23.0	6.7	0.6
09 07 75 1350			.3		19464	6	580.	80.	4.	1.		24.2	6.9	0.8
08 08 75 1210			.3		19547	6	648.	72.	1.	4.		18.0	8.0	0.4
28 08 75 1530			.3		19590	6	562.	12.	1.	1.		20.0	8.5	0.4
11 09 75 1040			.3		19642	6	398.	144.	40.	4.		18.5	8.9	2.4
30 10 75 1530			.3		19753	6	439.		208.	124.		9.5	9.2	1.2
MAXIMUM							738.	144.	208.	124.		24.2	13.8	2.4
AVG OR GEOM MN (*)							573.	26.* D	4.* D	3.* D		13.1	9.6	1.0
MINIMUM							398.	4.	1.	1.		0.0	6.7	0.2
NO OF SAMPLES							10	9	10	10		10	10	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
30 01 75 1330			.3		0.005	0.002	0.03	0.25	0.003	0.110	0.73	113	3.	
19 02 75 1330			.3		0.010	0.003	0.02	0.23	0.002	0.150	2.20	78	2.	
05 04 75 1500			.3		0.011	0.001	0.01	0.26	0.002	0.140	0.90	69	2.	
15 05 75 1030			.3		0.008	0.002	0.01	0.23	0.003	0.080	1.00	80	2.	
25 06 75 1345			.3		0.010	0.001L	0.02	0.25	0.002	0.070	0.80	72	2.	
09 07 75 1350			.3		0.028	0.001	0.01	0.43	0.002	0.010	2.00	190	4.	
08 08 75 1210			.3		0.018	0.003	0.06	0.43	0.001	0.010	1.20	205	4.	
28 08 75 1530			.3		0.011	0.002	0.01	0.26	0.001	0.010L	1.00	62	1.	
11 09 75 1040			.3		0.051	0.001	0.03	0.58	0.001	0.010L	6.20	190	4.	
30 10 75 1530			.3		0.030	0.007	0.02	0.41	0.003	0.030	1.60	265	11.	
MAXIMUM					0.051	0.007	0.06	0.58	0.003	0.150	6.20	265	11.	
AVG OR GEOM MN (*)					0.018	0.002D	0.02	0.33	0.002	0.062D	1.76	132	3.	
MINIMUM					0.005	0.001	0.01	0.23	0.001	0.010	0.73	62	1.	
NO OF SAMPLES					10	10	10	10	10	10	10	10	10	

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
30 01 75 1330			.3			95.			70					
19 02 75 1330			.3			52.			51					
MAXIMUM						95.			70					
AVG OR GEOM MN (*)						73.			61					
MINIMUM						52.			51					
NO OF SAMPLES						2			2					

SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS

DATE OF REPORT 28 OCT 77

B.C.W./ SITE: OUSE RIVER
SAMPLE POINT: AT HIGHWAY 7 NORWOOD
STATION TYPE: RIVER

STATION ID: 17-0021-079-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO 79 LAT LONG U.T.M. 18 0262800.0 4919050.0 4 REGION 03 MILEAGE 65.30

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
14 01 75 1125			.3		22503	3		60.	1.	1.		1.5		0.4
28 02 75 1045			.3		22515	6 8		10. L	1.	24.		1.5		0.4
24 03 75 1100			.3		22527	3		32.	1.	52.		1.5		0.6
21 04 75 1100			.3		22539	3		12.	1.	12.		3.5		0.4
15 05 75 1055			.3		22551	6 8		36.	20.	12.		16.0		0.6
26 06 75 1110			.3		22563	6 8		528.	68.	28.		24.0		0.8
30 07 75 1130			.3		22575	0 6 8		10.	1.	1.		25.0		1.2
03 09 75 1330			.3		22587	8 6		10.	1.	1.		20.5		0.8
14 10 75 1145			.3		22599	8 6		20.	1.	1.		15.0		0.8
13 11 75 1115			.3		22611	6 8		10.	1.	1.		9.5		0.8
15 12 75 1030			.3		22623	6 8		20.	1.	20.		3.5		0.6
MAXIMUM								528.	68.	52.		25.0		1.2
AVG OR GEOM MN (*)								24.* D	2.*	5.*		11.0		0.7
MINIMUM								10.	1.	1.		1.5		0.4
NO OF SAMPLES								11	11	11		11		11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
14 01 75 1125			.3		0.009	0.001	0.01 L	0.50	0.003	0.140	1.00	390	2.	
28 02 75 1045			.3		0.018	0.009	0.02	0.31	0.004	0.370	1.20	375	2.	
24 03 75 1100			.3		0.020	0.007	0.02	0.31	0.005	0.190	1.30	306	2.	
21 04 75 1100			.3		0.019	0.002	0.01 L	0.31	0.004	0.020	3.60	260	2.	
15 05 75 1055			.3		0.009	0.001	0.01 L	0.35	0.003	0.010L	0.75	350	2.	
26 06 75 1110			.3		0.016	0.004	0.03	0.40	0.002	0.010L	1.10	345	2.	
30 07 75 1130			.3		0.014	0.002	0.03	0.65	0.002	0.010	1.40	340	2.	
03 09 75 1330			.3		0.029	0.002	0.02	0.43	0.002	0.010	0.90	325	3.	
14 10 75 1145			.3		0.018	0.002	0.01	0.37	0.002	0.010L	0.65	350	2.	
13 11 75 1115			.3		0.014	0.002	0.01 L	0.35	0.002	0.010	1.10	495	3.	
15 12 75 1030			.3		0.010	0.001	0.01 L	0.29	0.003	0.230	0.80	430	3.	
MAXIMUM					0.029	0.009	0.03	0.65	0.005	0.370	3.60	495	3.	
AVG OR GEOM MN (*)					0.016	0.003	0.02 D	0.39	0.003	0.092D	1.26	361	2.	
MINIMUM					0.009	0.001	0.01	0.29	0.002	0.010	0.65	260	2.	
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	

SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: TRIBUTARY TO OUSE RIVER
SAMPLE POINT: AT DAM OF TRIBUTARY POND
STATION TYPE: RIVER

STATION ID: 17-0021-080-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: TRENT RIVER

STORET CODE: 02
004
1220

STN NO 80 LAT LONG U.T.M. 18 0262800.0 4918800.0 4 REGION 03 MILEAGE 65.30

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
14 01 75	1145			.3		22504	6 8		460.	36.	160.		2.0		1.2
28 02 75	1055			.3		22516	3		50.	4.	12.		1.5		1.0
24 03 75	1105			.3		22528	3		44.	8.	36.		2.0		0.4
21 04 75	1115			.3		22540	3 6 8		20.	8.	28.		6.0		0.8
15 05 75	1105			.3		22552	6 8		20.	1.	1.		18.0		1.8
26 06 75	1115			.3		22564	6 8		670.	316.	68.		24.0		1.4
30 07 75	1135			.3		22576	0 6 8		320.	16.	320.		24.0		1.0
03 09 75	1335			.3		22588	8 6		1500. L	1.	10. L		20.0		0.6
14 10 75	1155			.3		22600	8 6		30.	16.	72.		15.0		1.8
13 11 75	1125			.3		22612	6 8		70.	4.	8.		9.5		1.2
15 12 75	1040			.3		22624	3 6 8		40.	20.	44.		3.5		1.4
MAXIMUM									1500.	316.	320.		24.0		1.8
AVG OR GEOM MN (*)									101.* D	10.*	29.* D		11.4		1.1
MINIMUM									20.	1.	1.		1.5		0.4
NO OF SAMPLES									11	11	11		11		11

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
14 01 75	1145			.3		0.047	0.010	0.07	0.95	0.008	0.330	2.00	450	2.	
28 02 75	1055			.3		0.032	0.012	0.10	0.64	0.013	0.710	1.60	345	18.	
24 03 75	1105			.3		0.034	0.009	0.04	0.52	0.009	0.310	1.60	292	12.	
21 04 75	1115			.3		0.024	0.001	0.01 L	0.53	0.005	0.100	2.00	300	11.	
15 05 75	1105			.3		0.033	0.001	0.01	0.88	0.011	0.070	1.10	480	28.	
26 06 75	1115			.3		0.023	0.007	0.03	0.76	0.021	0.180	1.40	530	48.	
30 07 75	1135			.3		0.030	0.003	0,01	0.66	0.006	0.110	1.00	485	50.	
03 09 75	1335			.3		0.038	0.004	0.01 L	0.54	0.005	0.090	1.40	455	47.	
14 10 75	1155			.3		0.040	0.003	0.01	0.63	0.005	0.030	1.30	520	110.	
13 11 75	1125			.3		0.022	0.002	0.03	0.57	0.006	0.130	1.10	570	60.	
15 12 75	1040			.3		0.020	0.001	0.02	0.70	0.010	0.820	1.30	620	52.	
MAXIMUM						0.047	0.012	0.10	0.95	0.021	0.820	2.00	620	110.	
AVG OR GEOM MN (*)						0.031	0.005	0.03 D	0.67	0.009	0.262	1.44	459	39.	
MINIMUM						0.020	0.001	0.01	0.52	0.005	0.030	1.00	292	2.	
NO OF SAMPLES						11	11	11	11	11	11	11	11	11	

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SAMPLE INFORMATION SYSTEM          STATION SUMMARY REPORT - RIVER BASINS                          DATE OF REPORT  28 OCT 77

 b.O.W./ SITE: MOIRA RIVER
 SAMPLE POINT: FOOTBRIDGE NORTH OF HIGHWAY 2 BELLEVILLE                                           STATION ID:  17-0026-001-02
 STATION TYPE: RIVER
                                                             MAJOR BASIN: GREAT LAKES                           STORET CODE: 02
                                                             MINOR BASIN: LAKE ONTARIO                                       004
                                                             TERM STREAM: MOIRA RIVER                                        1090

STN NO      1       LAT                   LONG              U.T.M. 18 0309150.0 4892875.0 4     REGION 04              MILEAGE    0.70

                                          934      901       444         80         81          84          88          805           3           1
SAMP DTE HOUR  STN  STN SAMP  PJ        SAMPLE       SCD  FLOW CFS    TOTAL      FECAL        M.F.      PSEUD.       WATER        DISS.       5-DAY
DY MO YR LMT   DIST BRG DEPTH              NO                      COLIFORM   COLIFORM      ENTER.         MPA       TEMP.           O2         BOD
               FEET      MTRS                                      MF/100ML   MF/100ML    MF/100ML    MF/100ML       DEG C         MG/L        MG/L

07 01 75 1500              .3           25605    6                160.         8.         56.                         0.0                      1.6
11 03 75 1555              .3           25613    6                328.        76.         68.                         0.5         14.0         1.4
27 03 75 1150              .3           24774    6
17 04 75 1420              .3           25623    6                 68.         4.          1.                         3.0         12.0         1.7
13 05 75 1540              .3           25637    6                 16.         1.          4.                                     10.0         1.0
04 06 75 1605              .3           25651    6                384.        24.         16.                        24.0         11.0         0.4
25 06 75 1500              .3           25665    6                632.        80.         16.                        26.5         10.0         1.4
31 07 75 1300              .3           24869    5
18 08 75 1430              .3           25679    6                140.        70.         90.                        25.5         10.0         1.6
08 09 75 1515              .3           25693    5                                                                  23.5         10.0         3.6
25 09 75 1305              .3           24563    5
29 09 75 1515              .3           25707    5                200.        30.        100.                        20.0         10.0         1.4
30 10 75 1405              .3           24576    6
03 11 75 1500              .3           25721    6                 40.        16.         28.                        16.0         10.5         1.0
03 12 75 1300              .3           25735    6                 50.        10.         30.                         2.0         14.0         1.0


                      MAXIMUM                                     632.        80.        100.                        26.5         14.0         3.6
           AVG OR GEOM MN (*)                                     123.*       17.*        22.*                       14.1         11.2         1.5
                      MINIMUM                                      16.         1.          1.                         0.0         10.0         0.4

                NO OF SAMPLES                                       10          10          10                          10           10          11

                                          33          34          19          20          21          22          16          14          56          55
SAMP DTE HOUR  STN  STN SAMP  PJ         TOTAL    FILTERED    FILTERED       TOTAL     NITRITE     NITRATE       TURB.       COND.    CHLORIDE          PH
DY MO YR LMT   DIST BRG DEPTH                P    REACTIVE     AMMONIA    KJELDAHL       NO2-N       NO3-N    FORMAZIN         25C        MG/L      AT LAB
               FEET      MTRS             MG/L      P MG/L        MG/L        MG/L        MG/L        MG/L       UNITS       UMHOS

07 01 75 1500              .3           0.026       0.017        0.02         0.64       0.007       0.100        1.90        250         18.
11 03 75 1555              .3           0.054       0.019        0.13         0.68       0.011       0.340        5.60        255         11.
27 03 75 1150              .3
17 04 75 1420              .3           0.030       0.007        0.03         0.52       0.006       0.220        1.50        210          5.
13 05 75 1540              .3           0.028       0.008        0.01 L       0.41       0.006       0.010        1.10        175          3.
04 06 75 1605              .3           0.030       0.005        0.01 L       0.56       0.005       0.020        0.90        220          4.
25 06 75 1500              .3           0.033       0.011        0.02         0.51       0.002       0.010L       1.30        220          4.
31 07 75 1300              .3
18 08 75 1430              .3           0.022       0.013        0.01         0.53       0.001       0.010L       0.55        205          5.
08 09 75 1515              .3           0.037       0.009        0.01 L       0.61       0.003       0.010L       4.50        210         41.
25 09 75 1305              .3
29 09 75 1515              .3           0.028       0.004        0.01 L       0.56       0.003       0.010L       2.50        215          5.
30 10 75 1405              .3
03 11 75 1500              .3           0.016       0.005        0.01 L       0.47       0.003       0.010L       1.30        235          8.
03 12 75 1300              .3           0.023       0.004        0.01 L       0.48       0.006       0.150        3.00        330         15.


                      MAXIMUM           0.054       0.019        0.13         0.68       0.011       0.340        5.60        330         41.
           AVG OR GEOM MN (*)           0.030       0.009        0.03 D       0.54       0.005       0.081D       2.20        230         10.
                      MINIMUM           0.016       0.004        0.01         0.41       0.001       0.010        0.55        175          3.

                                          934         203         265          64          72         221         225         272         215         229
SAMP DTE HOUR  STN  STN SAMP  PJ        SAMPLE       TOTAL       TOTAL                   TOTAL       TOTAL       TOTAL      SIMPLE       TOTAL       TOTAL
DY MO YR LMT   DIST BRG DEPTH              NO    ALUMINUM     ARSENIC     CALCIUM     CALCIUM    CHROMIUM      COPPER     CYANIDE     CADMIUM        LEAD
               FEET      MTRS                        MG/L        MG/L        MG/L        MG/L        MG/L        MG/L        MG/L        MG/L        MG/L

07 01 75 1500              .3           25605                    0.07
21 02 75 1430              .3           24773                    0.01
11 03 75 1555              .3           25613                    0.01 L
27 03 75 1150              .3           24774                    0.01
17 04 75 1420              .3           25623                    0.01 L
13 05 75 1540              .3           25637                    0.01 L
23 05 75 1330              .3           24922                    0.01
04 06 75 1605              .3           25651                    0.01
25 06 75 1500              .3           25665                    0.02
31 07 75 1300              .3           24869                    0.01
18 08 75 1430              .3           25679                    0.02
08 09 75 1515              .3           25693                    0.01 G
25 09 75 1305              .3           24563                    0.02
29 09 75 1515              .3           25707                    0.02
30 10 75 1405              .3           24576                    0.01
03 12 75 1300              .3           25735                    0.01 L


                      MAXIMUM                                    0.07
           AVG OR GEOM MN (*)                                    0.02 E
                      MINIMUM                                    0.01

                NO OF SAMPLES                                      16
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SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: MOIRA RIVER STATION ID: 17-0026-002-02
SAMPLE POINT: BRIDGE IN CANNIFTON
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: MOIRA RIVER

STORET CODE: 02
004
1090

STN NO 2 LAT LONG U.T.M. 18 0308750.0 4897325.0 4 REGION 04 MILEAGE 3.90

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NC	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
04 02 75 1450			.3		24760	4	563.					0.0	13.8	1.0
21 02 75 1300			.3		24772	4	511.	560.	10.	50.		1.0	10.4	0.7
11 03 75 1530			.3		25612	6	956.	340.	68.	340.		0.5	10.0	1.2
27 03 75 1215			.3		24775	6	5740.					1.0	12.8	0.6
17 04 75 0900			.3		25999	6	2790.	60.	16.	1.		2.5	11.0	1.4
13 05 75 1450			.3		25636	6	1960.	20.	1.	1.			10.0	0.8
23 05 75 1345			.3		24923	7 9	773.						5.0	
04 06 75 1510			.3		25650	6	481.	270.	32.	4.		23.5	11.0	0.4
25 06 75 1440			.3		25664	6	243.	10.	8.	1.		26.0	10.0	1.4
31 07 75 1230			.3		24868	5	55.0	10. L	10. L	10. L				0.6
18 08 75 1340			.3		25678	6	52.1	30.	10. L	30.		23.5	11.0	1.2
28 08 75 1120			.3		24915	5	55.0							
08 09 75 1500			.3		25692	6	44.2	40.	20.	10.		21.5	10.0	2.0
25 09 75 1215			.3		24562	5	83.6	470.	50.	20.		11.3	11.0	1.4
29 09 75 1500			.3		25706	5	134.	2140.	130.	110.		18.0	10.0	1.0
30 10 75 1325			.3		24575	5	44.2	784.	28.	0.		8.0	13.0	0.4
03 11 75 1435			.3		25720	6	48.0	100.	10. L	10. L		13.5	10.0	0.8
26 11 75 1330			.3		24588	5	116.							0.6
03 12 75 1330			.3		25734	6	195.	200.	40.	10.		2.0	14.0	1.8
MAXIMUM							5740.	2140.	130.	340.		26.0	14.0	2.0
AVG OR GEOM MN (*)							781.3	119.* D	18.* D	9.* D		10.9	10.8	1.0
MINIMUM							44.2	10.	1.	0.		0.0	5.0	0.4
NO OF SAMPLES							19	14	14	14		14	16	17

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
04 02 75 1450			.3		0.034	0.015	0.09	0.64	0.008	0.290	1.90	244	5.	7.5
21 02 75 1300			.3		0.039	0.022	0.11	0.61	0.012	0.350	1.40	248	5.	7.9
11 03 75 1530			.3		0.036	0.021	0.16	0.68	0.011	0.390	5.50	255	5.	
27 03 75 1215			.3		0.019	0.013	0.12	0.50	0.008	0.300	1.40	192	1.	7.4
17 04 75 0900			.3		0.023	0.016	0.03	0.42	0.006	0.250	3.10	220	4.	
13 05 75 1450			.3		0.023	0.009	0.01	0.43	0.005	0.020	1.40	170	2.	
23 05 75 1345			.3											
04 06 75 1510			.3		0.030	0.007	0.01 L	0.50	0.005	0.020	0.90	220	3.	
25 06 75 1440			.3		0.030	0.007	0.01	0.54	0.003	0.010L	1.60	215	4.	
31 07 75 1230			.3		0.021	0.010	0.01 L	0.49	0.001	0.010L	1.00	225	4.	8.2
18 08 75 1340			.3		0.038	0.014	0.01 L	0.54	0.001	0.010L	1.00	215	4.	
28 08 75 1120			.3											
08 09 75 1500			.3		0.020	0.006	0.01 L	0.53	0.002	0.010L	0.64	205	16.	
25 09 75 1215			.3		0.017	0.006	0.01 L	0.51	0.005	0.010L	2.20	220	5.	8.0
29 09 75 1500			.3		0.054	0.008	0.01 L	0.62	0.004	0.010L	15.00	195	4.	
30 10 75 1325			.3		0.055	0.040	0.01 L	0.46	0.003	0.010L	1.00	230	4.	8.2
03 11 75 1435			.3		0.018	0.007	0.01 L	0.46	0.003	0.010L	0.85	230	50.	
26 11 75 1330			.3		0.035	0.019	0.01	0.41	0.004	0.060	11.00	320	5.	7.7
03 12 75 1330			.3		0.013	0.004	0.01 L	0.44	0.006	0.160	1.60	300	5.	
MAXIMUM					0.055	0.040	0.16	0.68	0.012	0.390	15.00	320	50.	8.2
AVG OR GEOM MN (*)					0.030	0.013	0.04 D	0.52	0.005	0.113D	3.03	230	7.	7.8
MINIMUM					0.013	0.004	0.01	0.41	0.001	0.010	0.64	170	1.	7.4
NO OF SAMPLES					17	17	17	17	17	17	17	17	17	7

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
04 02 75 1450			.3		24760	3.	101	118		0.30	30	1. L	0.1L	2.20
21 02 75 1300			.3		24772	1.	102	120		0.35	40	1. L	0.1	2.50
27 03 75 1215			.3		24775	5.	78	92		0.45	55		0.1L	3.00
31 07 75 1230			.3		24868	1.	104		114.	0.10	30	0.0L	0.1	2.10
25 09 75 1215			.3		24562	3.	98		104.	0.13	20	1. L	0.2	0.80
30 10 75 1325			.3		24575	2.	105		115.	0.09	15	1. L	0.1	0.95
03 11 75 1435			.3		25720									
26 11 75 1330			.3		24588	3.	125		154.	0.10	20	1. L	0.1	1.40
MAXIMUM						5.	125	120	154.	0.45	55	1.	0.2	3.00
AVG OR GEOM MN (*)						2.	102	110	121.	0.22	30	0.8D	0.1D	1.85
MINIMUM						1.	78	92	104.	0.09	15	0.0	0.1	0.80
NO OF SAMPLES						7	7	3	4	7	7	6	7	7

CONT'D

B.O.W./ SITE: MOIRA RIVER
SAMPLE POINT: BRIDGE IN CANNIFTON
STATION TYPE: RIVER

STATION ID: 17-0026-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: MOIRA RIVER

STORET CODE: 02
004
1090

STN NO 2 LAT LONG U.T.M. 18 0308750.0 4897325.0 4 REGION 04 MILEAGE 3.90

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
04 02 75 1450			.3		12.	175.	15.		160	1.6	3.70			20
21 02 75 1300			.3		11.	160.	11.	149		1.7	4.40			20
27 03 75 1215			.3		13.	129.	5.		124	1.5	3.10			40
31 07 75 1230			.3		11.	148.	2.		146	0.8	3.20			20L
25 09 75 1215			.3		11.	145.	2.		143	1.1	3.50			20
30 10 75 1325			.3		13.	128.	1.	127		1.6	3.30			16
03 11 75 1435			.3			151.	1.	150						
26 11 75 1330			.3		27.	209.	1.		208	1.4	3.60			18
MAXIMUM					27.	209.	15.	150	208	1.7	4.40			40
AVG OR GEOM MN (*)					14.	155.	4.	142	156	1.4	3.54			22D
MINIMUM					11.	128.	1.	127	124	0.8	3.10			16
NO OF SAMPLES					7	8	8	3	5	7	7			7

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	203 TOTAL ALUMINUM MG/L	265 TOTAL ARSENIC MG/L	64 CALCIUM MG/L	72 TOTAL CALCIUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	272 SIMPLE CYANIDE MG/L	215 TOTAL CADMIUM MG/L	229 TOTAL LEAD MG/L
04 02 75 1450			.3		24760	0.04 L		40.0			0.05 L			
21 02 75 1300			.3		24772	0.23	0.01	40.0			0.01 L			
11 03 75 1530			.3		25612		0.01 L							
27 03 75 1215			.3		24775	0.21	0.01	32.0			0.05 L			
17 04 75 0900			.3		25999		0.01 L							
13 05 75 1450			.3		25636		0.01 L							
23 05 75 1345			.3		24923		0.01							
04 06 75 1510			.3		25650		0.01							
25 06 75 1440			.3		25664		0.02							
31 07 75 1230			.3		24868	0.12	0.04		37.0		0.04			
18 08 75 1340			.3		25678		0.02							
28 08 75 1120			.3		24915		0.03							
08 09 75 1500			.3		25692		0.01 G							
25 09 75 1215			.3		24562	0.05	0.02		33.0		0.08			
29 09 75 1500			.3		25706		0.02							
30 10 75 1325			.3		24575	0.12	0.01		37.0		0.02 L			
03 11 75 1435			.3		25720		0.01 L							
26 11 75 1330			.3		24588				50.0					
03 12 75 1330			.3		25734		0.01 L							
MAXIMUM						0.23	0.04	40.0	50.0		0.08			
AVG OR GEOM MN (*)						0.13 D	0.02 E	37.3	39.3		0.04 D			
MINIMUM						0.04	0.01	32.0	33.0		0.01			
NO OF SAMPLES						6	17	3	4		6			

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	65 MAG NESIUM MG/L	74 TOT. MAG NESIUM MG/L	200 MANGNESE MN MG/L	235 TOTAL MERCURY UG/L	238 TOTAL NICKEL MG/L	249 TOTAL ZINC MG/L	217 TOTAL COBALT MG/L	218 BARIUM MG/L	219 SELENIUM MG/L	361 SOLVENT EXTRBLES MG/L
04 02 75 1450			.3		4.0		0.04 L		0.07 L	0.050L				
21 02 75 1300			.3		5.0		0.04 L		0.07	0.050L				
11 03 75 1530			.3											
27 03 75 1215			.3		3.0		0.05		0.07 L	0.050				
17 04 75 0900			.3											
13 05 75 1450			.3											
23 05 75 1345			.3											
04 06 75 1510			.3											
25 06 75 1440			.3											
31 07 75 1230			.3			5.30	0.05		0.04 L	0.030L				
18 08 75 1340			.3											
28 08 75 1120			.3											
08 09 75 1500			.3											
25 09 75 1215			.3			5.30	0.04		0.02 L	0.020L				
29 09 75 1500			.3											
30 10 75 1325			.3			5.40	0.02		0.01 L	0.020L				
03 11 75 1435			.3											
26 11 75 1330			.3			7.00								
03 12 75 1330			.3											
MAXIMUM					5.0	7.00	0.05		0.07	0.050				
AVG OR GEOM MN (*)					4.0	5.75	0.04 D		0.05 D	0.037D				
MINIMUM					3.0	5.30	0.02		0.01	0.020				
NO OF SAMPLES					3	4	6		6	6				

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SAMPLE INFORMATION SYSTEM        STATION SUMMARY REPORT - RIVER BASINS                        DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: MOIRA RIVER                                                                       STATION ID:  17-0026-003-02
 SAMPLE POINT: AT STOCO LAKE OUTLET
 STATION TYPE: RIVER                                       MAJOR BASIN: GREAT LAKES                            STORET CODE: 02
                                                           MINOR BASIN: LAKE ONTARIO                                        004
                                                           TERM STREAM: MOIRA RIVER                                         1090

STN NO      3      LAT              LONG              U.T.M. 18 0317125.0 4925150.0 4      REGION 04              MILEAGE   27.20

                                      934       901      444        80        81        84        88       805         3          1
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE       SCD  FLOW CFS    TOTAL     FECAL      M.F.    PSEUD.     WATER     DISS.     5-DAY
DY MO YR LMT  DIST BRG DEPTH            NO                     COLIFORM  COLIFORM    ENTER.       MPA     TEMP.        02       BOD
              FEET        MTRS                                 MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L

21 02 75 1000             .3        24761    4
27 03 75 1325             .3        24780    4
17 04 75 1300             .3        25622    6                  340.       80.       20.                  3.0      11.5        0.2
13 05 75 1015             .3        25624    6                  650.       36.        1.                           10.0        0.8
23 05 75 1440             .3        24928    6 8
04 06 75 0945             .3        25638    6                  790.        8.        1.                 20.5       9.0        1.4
25 06 75 0950             .3        25652    6                  190.       32.        4.                 24.0       8.0        1.6
31 07 75 1155             .3        24867    5
18 08 75 0930             .3        25666    5                   10.  L    10.  L    10.  L              23.0       9.0        3.2
28 08 75 1050             .3        24914    5
08 09 75 0930             .3        25680    6                   30.       10.  L    10.  L              18.5       9.0        4.0
25 09 75 1150             .3        24561    5
29 09 75 0940             .3        25694    5                   50.        1.        1.                 10.5       9.0        1.4
30 10 75 1255             .3        24574    5
03 11 75 0955             .3        25708    6                 1780.        4.        1.                 10.0      12.0        2.2
02 12 75 1020             .3        25722    6                 1100.       76.        1.                  3.0      12.0        0.8


                    MAXIMUM                                    1780.       80.       20.                 24.0      12.0        4.0
          AVG OR GEOM MN (*)                                    215.* D    14.* D     3.* D              14.1       9.9        1.7
                    MINIMUM                                      10.        1.        1.                  3.0       8.0        0.2

              NO OF SAMPLES                                        9         9         9                    8         9          9

                                       33        34        19        20        21        22        16        14        56         55
SAMP DTE HOUR  STN  STN SAMP  PJ    TOTAL  FILTERED  FILTERED     TOTAL   NITRITE   NITRATE     TURB.     COND.  CHLORIDE         PH
DY MO YR LMT  DIST BRG DEPTH            P  REACTIVE   AMMONIA  KJELDAHL    NO2-N     NO3-N  FORMAZIN       25C      MG/L     AT LAB
              FEET        MTRS       MG/L    P MG/L      MG/L      MG/L      MG/L      MG/L     UNITS     UMHOS

21 02 75 1000             .3
27 03 75 1325             .3
17 04 75 1300             .3        0.027     0.008     0.05      0.42      0.006     0.160     1.10       148        3.
13 05 75 1015             .3        0.038     0.003     0.01 L    0.52      0.005     0.020     1.40       140        3.
23 05 75 1440             .3
04 06 75 0945             .3        0.028     0.005     0.01      0.49      0.005     0.050     1.50       155        2.
25 06 75 0950             .3        0.027     0.005     0.01 L    0.50      0.002     0.010L    0.80       160        3.
31 07 75 1155             .3
18 08 75 0930             .3        0.043     0.015     0.01 L    0.70      0.001     0.010L    3.00       165        3.
28 08 75 1050             .3
08 09 75 0930             .3        0.056     0.011     0.04      1.10      0.003     0.010L    5.00       165        3.
25 09 75 1150             .3
29 09 75 0940             .3        0.037     0.015     0.06      0.68      0.004     0.030     2.90       170        3.
30 10 75 1255             .3
03 11 75 0955             .3        0.051     0.011     0.03      0.69      0.009     0.080     2.10       160        3.
02 12 75 1020             .3        0.022     0.008     0.03      0.54      0.006     0.140     1.20       175        4.


                    MAXIMUM         0.056     0.015     0.06      1.10      0.009     0.160     5.00       175        4.
          AVG OR GEOM MN (*)        0.037     0.009     0.03 D    0.63      0.005     0.057D    2.11       160        3.
                    MINIMUM         0.022     0.003     0.01      0.42      0.001     0.010     0.80       140        2.

              NO OF SAMPLES             9         9         9         9         9         9         9         9         9


                                      934       203       265        64        72       221       225       272       215        229
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE     TOTAL     TOTAL               TOTAL     TOTAL     TOTAL    SIMPLE     TOTAL      TOTAL
DY MO YR LMT  DIST BRG DEPTH            NO  ALUMINUM   ARSENIC   CALCIUM   CALCIUM  CHROMIUM    COPPER   CYANIDE   CADMIUM       LEAD
              FEET        MTRS                  MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L       MG/L

21 02 75 1000             .3        24761               0.02
27 03 75 1325             .3        24780               0.02
17 04 75 1300             .3        25622               0.01 L
13 05 75 1015             .3        25624               0.01 L
23 05 75 1440             .3        24928               0.01
04 06 75 0945             .3        25638               0.01
25 06 75 0950             .3        25652               0.02
31 07 75 1155             .3        24867               0.04
18 08 75 0930             .3        25666               0.04
28 08 75 1050             .3        24914               0.04
08 09 75 0930             .3        25680               0.04
25 09 75 1150             .3        24561               0.04
29 09 75 0940             .3        25694               0.06
30 10 75 1255             .3        24574               0.03
03 11 75 0955             .3        25708               0.03 L
02 12 75 1020             .3        25722               0.01 L


                    MAXIMUM                             0.06
          AVG OR GEOM MN (*)                            0.03 D
                    MINIMUM                             0.01

              NO OF SAMPLES                              16
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SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

B.O.W./ SITE: MOIRA RIVER
SAMPLE POINT: STOCO BRIDGE HUNGERFORD TOWNSHIP
STATION TYPE: RIVER

STATION ID: 17-0026-004-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: MOIRA RIVER

STORET CODE: 02
004
1090

STN NO 4   LAT   LONG   U.T.M. 18 0318925.0 4925175.0 4   REGION 04   MILEAGE 29.70

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
07 01 75 1415			.3		25604	6		320.	36.	12.		0.0		2.2
21 02 75 1015			.3		24762	6								
11 03 75 1050			.3		25608	6		376.	88.	44.		0.5	16.0	1.2
27 03 75 1320			.3		24779	6								
17 04 75 1230			.3		25621	6		300.	88.	20.		3.0	11.0	0.9
13 05 75 1040			.3		25625	6		36.	4.	1.			10.5	0.8
23 05 75 1435			.3		24927	6 8								
04 06 75 1000			.3		25639	6		380.	1.	1.		20.0	9.0	0.6
25 06 75 1000			.3		25653	6		10.	4.	1.		24.0	8.0	1.2
31 07 75 1150			.3		24866	5 9								
18 08 75 0950			.3		25667	5		10.	60.	60.		22.0	7.0	3.6
28 08 75 1045			.3		24913	5								
08 09 75 1000			.3		25681	5		60.	40.	20.		18.5	9.0	5.4
25 09 75 1145			.3		24560	5								
29 09 75 1000			.3		25695	5		430.	20.	10. L		15.5	8.0	1.0
30 10 75 1250			.3		24573	5								
03 11 75 1005			.3		25709	6		720.	12.	1.		11.0	9.0	1.4
02 12 75 1030			.3		25723	6		1300.	80.	8.		3.0	11.0	1.4
MAXIMUM								1300.	88.	60.		24.0	16.0	5.4
AVG OR GEOM MN (*)								154.*	20.*	7.* D		11.8	9.9	1.8
MINIMUM								10.	1.	1.		0.0	7.0	0.6
NO OF SAMPLES								11	11	11		10	10	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
07 01 75 1415			.3		0.024	0.009	0.05	0.60	0.005	0.030	1.20	165	4.	
21 02 75 1015			.3											
11 03 75 1050			.3		0.032	0.015	0.15	0.78	0.008	0.180	1.50	200	4.	
27 03 75 1320			.3											
17 04 75 1230			.3		0.024	0.010	0.05	0.44	0.006	0.150	2.00	150	3.	
13 05 75 1040			.3		0.023	0.003	0.01	0.45	0.004	0.020	1.10	155		
23 05 75 1435			.3											
04 06 75 1000			.3		0.026	0.005	0.01	0.45	0.005	0.020	1.30	155	2.	
25 06 75 1000			.3		0.034	0.010	0.04	0.55	0.002	0.010L	0.70	165	3.	
31 07 75 1150			.3											
18 08 75 0950			.3		0.049	0.015	0.01	0.74	0.002	0.010L	4.10	165	3.	
28 08 75 1045			.3											
08 09 75 1000			.3		0.048	0.012	0.12	1.10	0.005	0.010L	2.00	160	2.	
25 09 75 1145			.3											
29 09 75 1000			.3		0.045	0.010	0.09	0.86	0.006	0.030	1.40	160	3.	
30 10 75 1250			.3											
03 11 75 1005			.3		0.029	0.011	0.03	0.67	0.010	0.130	1.10	155	3.	
02 12 75 1030			.3		0.028	0.006	0.01	0.54	0.006	0.130	2.30	175	3.	
MAXIMUM					0.049	0.015	0.15	1.10	0.010	0.180	4.10	200	4.	
AVG OR GEOM MN (*)					0.033	0.010	0.05	0.65	0.005	0.065D	1.70	164	3.	
MINIMUM					0.023	0.003	0.01	0.44	0.002	0.010	0.70	150	2.	
NO OF SAMPLES					11	11	11	11	11	11	11	11	10	

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 B.O.W./ SITE: MOIRA RIVER                                                                      STATION ID:  17-0026-004-02
 SAMPLE POINT: STOCO BRIDGE HUNGERFORD TOWNSHIP
 STATION TYPE: RIVER                                    MAJOR BASIN: GREAT LAKES                               STORET CODE: 02
                                                        MINOR BASIN: LAKE ONTARIO                                           004
                                                        TERM STREAM: MOIRA RIVER                                            1090

STN NO     4      LAT               LONG                U.T.M. 18 0318925.0 4925175.0 4      REGION 04             MILEAGE   29.70


                                    934        203       265        64        72       221       225       272       215        229
SAMP DTE HOUR  STN  STN SAMP  PJ     SAMPLE     TOTAL     TOTAL               TOTAL     TOTAL     TOTAL    SIMPLE     TOTAL     TOTAL
DY MO YR LMT   DIST BRG DEPTH            NO  ALUMINUM   ARSENIC   CALCIUM   CALCIUM  CHROMIUM    COPPER   CYANIDE   CADMIUM      LEAD
               FEET       MTRS                   MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

07 01 75 1415               .3      25604               0.01 L
21 02 75 1015               .3      24762               0.02
11 03 75 1050               .3      25608               0.02 L
27 03 75 1320               .3      24779               0.02
17 04 75 1230               .3      25621               0.01 L
13 05 75 1040               .3      25625               0.01 L
23 05 75 1435               .3      24927               0.01
04 06 75 1000               .3      25639               0.01
25 06 75 1000               .3      25653               0.01
31 07 75 1150               .3      24866               0.03
18 08 75 0950               .3      25667               0.04 L
28 08 75 1045               .3      24913               0.04
08 09 75 1000               .3      25681               0.04
25 09 75 1145               .3      24560               0.05
29 09 75 1000               .3      25695               0.06
30 10 75 1250               .3      24573               0.03
03 11 75 1005               .3      25709               0.02 L
02 12 75 1030               .3      25723               0.01 L


                       MAXIMUM                          0.06
           AVG OR GEOM MN (*)                           0.02 D
                       MINIMUM                          0.01

                NO OF SAMPLES                              18
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 B.O.W./ SITE: STOCO LAKE                                                                       STATION ID:  17-0026-005-01
 SAMPLE POINT: MUNICIPAL BEACH A TWEED
 STATION TYPE: LAKE                                     MAJOR BASIN: GREAT LAKES                               STORET CODE: 02
                                                        MINOR BASIN: LAKE ONTARIO                                           004
                                                        TERM STREAM: MOIRA RIVER                                            1090

STN NO     5      LAT               LONG                U.T.M. 18 0316500.0 4926700.0 4      REGION 04             MILEAGE   31.00


                                    934        901       444        80        81       84        88       805          3         1
SAMP DTE HOUR  STN  STN SAMP  PJ     SAMPLE       SCD  FLOW CFS     TOTAL     FECAL      M.F.    PSEUD.     WATER     DISS.     5-DAY
DY MO YR LMT   DIST BRG DEPTH            NO                      COLIFORM  COLIFORM    ENTER.       MPA     TEMP.        O2       BOD
               FEET       MTRS                                   MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L

13 05 75                    .3      25628                            172.        4.      328.
04 06 75 1050               .3      25642                            156.       12.       52.
25 06 75 1100               .3      25656                            168.       60.       16.
18 08 75 1030               .3      25671                            210.       10.       10.  L
08 09 75 1130               .3      25685                             10.       10.       10.  L
29 09 75 1105               .3      25699                           1630.       20.        1.
03 11 75 1115               .3      25713                          94000.     1800.        8.
02 12 75 1120               .3      25727                            550.      656.      308.


                       MAXIMUM                                 94000.     1800.      328.
           AVG OR GEOM MN (*)                                    410.*      40.*      23.* D
                       MINIMUM                                    10.        4.        1.

                NO OF SAMPLES                                          8         8         8
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SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: MOIRA RIVER
SAMPLE POINT: JAMESON STREET TWEED
STATION TYPE: RIVER

STATION ID: 17-0026-006-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: MOIRA RIVER

STORET CODE: 02
004
1090

STN NO 6 LAT LONG U.T.M. 18 0316010.0 4927600.0 4 REGION 04 MILEAGE 31.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
07 01 75 1330			.3		25603	6		32.	1.	1.		0.0		1.0
04 02 75 1300			.3		24756	4								
21 02 75 1050			.3		24765	4								
27 03 75 1300			.3		24776	6								
17 04 75 1130			.3		25617	6		36.	4.	24.		2.5	12.0	2.1
13 05 75 1145			.3		25629	6		600. L	152.	75.			10.0	1.2
23 05 75 1420			.3		24924	6 8								
04 06 75 1100			.3		25643	6		4500.	100.	8.		20.0	9.0	0.2
25 06 75 1050			.3		25657	6		3900.	400.	28.		24.0	8.0	0.6
31 07 75 1050			.3		24863	5								
18 08 75 1025			.3		25670	6		1400.	100.	120.		23.0	8.0	0.8
28 08 75 1015			.3		24910	5								
08 09 75 1110			.3		25684	6		1000.	60.	10. L		20.0	10.0	2.2
25 09 75 1120			.3		24557	5								
29 09 75 1050			.3		25698	5		2200.	10.	10. L		12.0	9.0	0.6
30 10 75 1225			.3		24570	5								
03 11 75 1100			.3		25712	* 6		1100.	28.	1.		11.0	11.0	1.4
02 12 75 1110			.3		25726	6		220.	10.	10.		3.0	12.0	0.6
MAXIMUM								4500.	400.	120.		24.0	12.0	2.2
AVG OR GEOM MN (*)								625.* D	29.*	12.* D		12.8	9.9	1.1
MINIMUM								32.	1.	1.		0.0	8.0	0.2
NO OF SAMPLES								10	10	10		9	9	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
07 01 75 1330			.3		0.026	0.011	0.06	0.62	0.005	0.030	1.10	160	3.	
04 02 75 1300			.3											
21 02 75 1050			.3											
27 03 75 1300			.3											
17 04 75 1130			.3		0.030	0.010	0.05	0.43	0.006	0.130	2.20	130	3.	
13 05 75 1145			.3		0.035	0.015	0.01 L	0.44	0.006	0.010	1.10	144	3.	
23 05 75 1420			.3											
04 06 75 1100			.3		0.036	0.013	0.01 L	0.48	0.005	0.050	1.10	130	2.	
25 06 75 1050			.3		0.035	0.014	0.02	0.53	0.005	0.070	0.90	160	3.	
31 07 75 1050			.3											
18 08 75 1025			.3		0.027	0.007	0.01	0.49	0.003	0.010L	1.20	84	1.	
28 08 75 1015			.3											
08 09 75 1110			.3		0.021	0.004	0.01 L	0.55	0.004	0.010L	0.70	80	1.	
25 09 75 1120			.3											
29 09 75 1050			.3		0.023	0.007	0.01 L	0.43	0.003	0.020	1.20	100	1.	
30 10 75 1225			.3											
03 11 75 1100			.3		0.022	0.002	0.01 L	0.50	0.005	0.010	1.10	160	4.	
02 12 75 1110			.3		0.016	0.004	0.01 L	0.47	0.003	0.040	1.90	190	5.	
MAXIMUM					0.036	0.015	0.06	0.62	0.006	0.130	2.20	190	5.	
AVG OR GEOM MN (*)					0.027	0.009	0.02 D	0.49	0.005	0.038D	1.25	134	2.	
MINIMUM					0.016	0.002	0.01	0.43	0.003	0.010	0.70	80	1.	
NO OF SAMPLES					10	10	10	10	10	10	10	10	10	

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	203 TOTAL ALUMINUM MG/L	265 TOTAL ARSENIC MG/L	64 CALCIUM MG/L	72 TOTAL CALCIUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	272 SIMPLE CYANIDE MG/L	215 TOTAL CADMIUM MG/L	229 TOTAL LEAD MG/L
07 01 75 1330			.3		25603		0.02							
04 02 75 1300			.3		24756		0.03							
21 02 75 1050			.3		24765		0.02							
27 03 75 1300			.3		24776		0.02							
17 04 75 1130			.3		25617		0.01 L							
13 05 75 1145			.3		25629		0.01 L							
23 05 75 1420			.3		24924		0.01							
04 06 75 1100			.3		25643		0.01							
25 06 75 1050			.3		25657		0.02							
31 07 75 1050			.3		24863		0.01							
18 08 75 1025			.3		25670		0.01 L							
28 08 75 1015			.3		24910		0.01 L							
08 09 75 1110			.3		25684		0.01 G							
25 09 75 1120			.3		24557		0.01							
29 09 75 1050			.3		25698		0.01 G							
30 10 75 1225			.3		24570		0.01 L							
03 11 75 1100			.3		25712		0.01 L							
02 12 75 1110			.3		25726		0.01 L							
MAXIMUM							0.03							
AVG OR GEOM MN (*)							0.01 E							
MINIMUM							0.01							
NO OF SAMPLES							18							

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SAMPLE INFORMATION SYSTEM       STATION SUMMARY REPORT - RIVER BASINS                          DATE OF REPORT  28 OCT 77

B.O.W./ SITE: CLARE RIVER                                                                        STATION ID:  17-0026-007-02
SAMPLE POINT: FIRST BRIDGE UPSTREAM FROM STOCO LAKE TWEED
STATION TYPE: RIVER                                      MAJOR BASIN: GREAT LAKES                               STORET CODE: 02
                                                         MINOR BASIN: LAKE ONTARIO                                           004
                                                         TERM STREAM: MOIRA RIVER                                            1090

STN NO      7      LAT                LONG               U.T.M. 18 0319350.0 4927650.0 4      REGION 04            MILEAGE   32.80

                                      934   901       444           80        81        84          88         805         3         1
SAMP DTE HOUR  STN  STN SAMP  PJ   SAMPLE   SCD  FLOW CFS        TOTAL     FECAL      M.F.      PSEUD.       WATER     DISS.     5-DAY
DY MO YR LMT   DIST BRG DEPTH          NO                     COLIFORM  COLIFORM    ENTER.         MPA       TEMP.        O2       BOD
               FEET      MTRS                                 MF/100ML  MF/100ML  MF/100ML    MF/100ML       DEG C      MG/L      MG/L

27 03 75 1310              .3       24778   4
17 04 75 1210              .3       25620   6                       8.        8.        4.                     3.0      11.0       1.5
13 05 75 1100              .3       25626   6                      28.        8.        1.                                 9.0       0.8
23 05 75 1430              .3       24926   6 8
04 06 75 1015              .3       25640   6                15000E+1G        1.        1.                    20.0       8.0       0.6
25 06 75 1025              .3       25654   6                     200.       64.        1.                    25.0       6.0       0.8
31 07 75 1130              .3       24865   5 7
18 08 75 1000              .3       25668   5                     100. L     20.       10. L                  21.0       6.0       0.8
28 08 75 1035              .3       24912   5 7
08 09 75 1025              .3       25682   6                     100. L     20.       30.                    18.8       7.0       1.4
25 09 75 1135              .3       24559   5
29 09 75 1015              .3       25696   6                      60.       10.       10. L                  14.5       6.0       0.8
30 10 75 1240              .3       24572   5
03 11 75 1025              .3       25710   6                      60.        4.        4.                    10.0       8.0       1.0
02 12 75 1045              .3       25724   6                     380.       40.      116.                     1.5      11.0       0.8


                      MAXIMUM                                 15000E+1       64.      116.                    25.0      11.0       1.5
           AVG OR GEOM MN (*)                                     165.* E    11.*       6.* D                 14.2       8.0       0.9
                      MINIMUM                                       8.        1.        1.                     1.5       6.0       0.6

                NO OF SAMPLES                                        9         9         9                       8         9         9

                                       33         34        19        20        21        22        16        14        56        55
SAMP DTE HOUR  STN  STN SAMP  PJ    TOTAL   FILTERED  FILTERED     TOTAL   NITRITE   NITRATE     TURB.     COND.  CHLORIDE        PH
DY MO YR LMT   DIST BRG DEPTH           P   REACTIVE   AMMONIA  KJELDAHL     NO2-N     NO3-N  FORMAZIN       25C      MG/L    AT LAB
               FEET      MTRS        MG/L     P MG/L      MG/L      MG/L      MG/L      MG/L     UNITS     UMHOS

27 03 75 1310              .3
17 04 75 1210              .3       0.018      0.004      0.01 L    0.33     0.003     0.010      1.50       200        4.
13 05 75 1100              .3       0.025      0.003      0.01 L    0.46     0.003     0.010L     1.40       235        3.
23 05 75 1430              .3
04 06 75 1015              .3       0.036      0.001L     0.01 L    0.59     0.002     0.010      1.30       300        3.
25 06 75 1025              .3       0.030      0.007      0.01      0.51     0.002     0.010L     1.20       295        3.
31 07 75 1130              .3
18 08 75 1000              .3       0.024      0.010      0.02      0.60     0.002     0.010L     1.10       300        4.
28 08 75 1035              .3
08 09 75 1025              .3       0.027      0.009      0.02      0.74     0.003     0.010L     0.73       320        3.
25 09 75 1135              .3
29 09 75 1015              .3       0.025      0.003      0.01      0.54     0.002     0.010L     2.10       345        3.
30 10 75 1240              .3
03 11 75 1025              .3       0.026      0.005      0.01      0.57     0.003     0.010      2.00       315        4.
02 12 75 1045              .3       0.015      0.002      0.01 L    0.50     0.004     0.010      1.60       340        5.


                      MAXIMUM       0.036      0.010      0.02      0.74     0.004     0.010      2.10       345        5.
           AVG OR GEOM MN (*)       0.025      0.005D     0.01 D    0.54     0.003     0.010D     1.44       294        3.
                      MINIMUM       0.015      0.001      0.01      0.33     0.002     0.010      0.73       200        3.

                NO OF SAMPLES           9          9         9         9         9         9         9         9         9

                                      934        203       265        64        72       221       225       272       215       229
SAMP DTE HOUR  STN  STN SAMP  PJ   SAMPLE      TOTAL     TOTAL               TOTAL     TOTAL     TOTAL    SIMPLE     TOTAL     TOTAL
DY MO YR LMT   DIST BRG DEPTH          NO   ALUMINUM   ARSENIC   CALCIUM   CALCIUM  CHROMIUM    COPPER   CYANIDE   CADMIUM      LEAD
               FEET      MTRS                   MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

21 02 75 1030              .3       24763                 0.02
27 03 75 1310              .3       24778                 0.01 L
17 04 75 1210              .3       25620                 0.01 L
13 05 75 1100              .3       25626                 0.01 L
23 05 75 1430              .3       24926                 0.01 L
04 06 75 1015              .3       25640                 0.01 L
25 06 75 1025              .3       25654                 0.01 L
31 07 75 1130              .3       24865                 0.01 L
18 08 75 1000              .3       25668                 0.01 L
28 08 75 1035              .3       24912                 0.01 L
08 09 75 1025              .3       25682                 0.01 G
25 09 75 1135              .3       24559                 0.01 L
29 09 75 1015              .3       25696                 0.01 G
30 10 75 1240              .3       24572                 0.01 L
03 11 75 1025              .3       25710                 0.01 L
02 12 75 1045              .3       25724                 0.01 L


                      MAXIMUM                             0.02
           AVG OR GEOM MN (*)                             0.01 E
                      MINIMUM                             0.01

                NO OF SAMPLES                               16
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SAMPLE INFORMATION SYSTEM　　STATION SUMMARY REPORT - RIVER BASINS　　DATE OF REPORT 28 OCT 77

B.O.W./ SITE: SULPHIDE CREEK
SAMPLE POINT: UPSTREAM FROM STOCO LAKE HUNGERFORD TWP
STATION TYPE: RIVER

STATION ID: 17-0026-008-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: MOIRA RIVER

STORET CODE: 02
004
1090

STN NO 8　LAT　LONG　U.T.M. 18 0318525.0 4929475.0 4　REGION 04　MILEAGE 32.80

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
04 02 75	1330			.3		24757	4								
21 02 75	1040			.3		24764	4								
27 03 75	1305			.3		24777	4								
17 04 75	1200			.3		25619	6		12.	8.	4.		3.0	9.0	1.3
13 05 75	1120			.3		25627	6 0		40.	32.	1.			9.5	1.2
23 05 75	1425			.3		24925	6 8								
04 06 75	1030			.3		25641	6		172.	124.	32.		17.0	6.0	0.8
25 06 75	1040			.3		25655	6		140.	84.	36.		23.0	6.0	1.0
31 07 75	1120			.3		24864	5 9								
18 08 75	1010			.3		25669	9 5		190.	90.	10.		19.0	5.0	4.4
28 08 75	1030			.3		24911	5 9								
08 09 75	1050			.3		25683	9		400.	80.	60.		17.0	7.0	40.0
25 09 75	1130			.3		24558	9								
29 09 75	1030			.3		25697	5		200.	20.	10.		13.0	5.0	1.8
30 10 75	1235			.3		24571	6								
03 11 75	1045			.3		25711	6		230.	32.	1.		9.0	8.0	2.4
02 12 75	1100			.3		25725	6		390.	76.	216.		2.0	10.0	0.8
MAXIMUM									400.	124.	216.		23.0	10.0	40.0
AVG OR GEOM MN (*)									136.*	46.*	12.*		12.9	7.3	6.0
MINIMUM									12.	8.	1.		2.0	5.0	0.8
NO OF SAMPLES									9	9	9		8	9	9

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
04 02 75	1330			.3											
21 02 75	1040			.3											
27 03 75	1305			.3											
17 04 75	1200			.3		0.022	0.004	0.01 L	0.37	0.004	0.010	1.90	110	3.	
13 05 75	1120			.3		0.037	0.006	0.01 L	0.68	0.006	0.010L	2.00	128	3.	
23 05 75	1425			.3											
04 06 75	1030			.3		0.056	0.011	0.07	0.76	0.018	0.060	3.00	195	4.	
25 06 75	1040			.3		0.070	0.010	0.04	0.85	0.028	0.010L	2.90	195	4.	
31 07 75	1120			.3											
18 08 75	1010			.3		0.082	0.010	0.14	0.84	0.003	0.010L	4.80	250	7.	
28 08 75	1030			.3											
08 09 75	1050			.3		0.310	0.009	0.90	5.50	0.007	0.010L	35.00	260	5.	
25 09 75	1130			.3											
29 09 75	1030			.3		0.060	0.006	0.01 L	0.68	0.002	0.010L	3.70	315	5.	
30 10 75	1235			.3											
03 11 75	1045			.3		0.053	0.006	0.02	0.68	0.004	0.010L	3.50	295	4.	
02 12 75	1100			.3		0.025	0.003	0.01 L	0.68	0.004	0.180	2.50	150	4.	
MAXIMUM						0.310	0.011	0.90	5.50	0.028	0.180	35.00	315	7.	
AVG OR GEOM MN (*)						0.079	0.007	0.13 D	1.23	0.008	0.034D	6.59	211	4.	
MINIMUM						0.022	0.003	0.01	0.37	0.002	0.010	1.90	110	3.	
NO OF SAMPLES						9	9	9	9	9	9	9	9	9	

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	203 TOTAL ALUMINUM MG/L	265 TOTAL ARSENIC MG/L	64 CALCIUM MG/L	72 TOTAL CALCIUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	272 SIMPLE CYANIDE MG/L	215 TOTAL CADMIUM MG/L	229 TOTAL LEAD MG/L
04 02 75	1330			.3		24757		0.01 L							
21 02 75	1040			.3		24764		0.01 L							
27 03 75	1305			.3		24777		0.01 L							
17 04 75	1200			.3		25619		0.01 L							
13 05 75	1120			.3		25627		0.01 L							
23 05 75	1425			.3		24925		0.01 L							
04 06 75	1030			.3		25641		0.01 L							
25 06 75	1040			.3		25655		0.01 L							
31 07 75	1120			.3		24864		0.01 L							
18 08 75	1010			.3		25669		0.01							
28 08 75	1030			.3		24911		0.01							
08 09 75	1050			.3		25683		0.03							
25 09 75	1130			.3		24558		0.01 L							
29 09 75	1030			.3		25697		0.01 G							
30 10 75	1235			.3		24571		0.01 L							
03 11 75	1045			.3		25711		0.01 L							
02 12 75	1100			.3		25725		0.01 L							
MAXIMUM								0.03							
AVG OR GEOM MN (*)								0.01 E							
MINIMUM								0.01							
NO OF SAMPLES								17							

SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

B.O.W./ SITE: SKOOTAMOTTA RIVER   STATION ID: 17-0026-009-02
SAMPLE POINT: HIGHWAY 7 NEAR ACTINOLITE
STATION TYPE: RIVER   MAJOR BASIN: GREAT LAKES   STORET CODE: 02
MINOR BASIN: LAKE ONTARIO   004
TERM STREAM: MOIRA RIVER   1090

STN NO 9   LAT   LONG   U.T.M. 18 0315050.0 4935300.0 4   REGION 04   MILEAGE 37.70

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
07 01 75 1300			.3		25602	6	190.	56.	1.	52.		0.0		0.8
04 02 75 1210			.3		24755	4	198.							
12 02 75 1415			.3		25607	6	147.	40.	1.	10. L		0.0	11.0	0.4
21 02 75 1110			.3		24766	4	155.							
11 03 75 1230			.3		25609	6	252.	8.	4.	20.		0.0	13.0	1.2
27 03 75 1340			.3		24781	4	1290.							
17 04 75 1100			.3		25616	6	1190.	8.	1.	16.		2.5	13.0	1.6
13 05 75 1215			.3		25630	6	475.	12.	4.	1.			10.5	0.8
23 05 75 1455			.3		24929	6 8								
04 06 75 1120			.3		25644	6	96.4	264.	48.	1.		20.5	9.0	0.2
25 06 75 1150			.3		25658	6	73.8	72.	36.	8.		25.0	8.0	0.6
31 07 75 0850			.3		24857	5	46.3							
18 08 75 1050			.3		25672	6	37.1	60.	10.	10. L		22.5	8.0	1.4
28 08 75 0825			.3		24904	5	15.3							
08 09 75 1200			.3		25686	6	12.2	1140.	340.	10. L		20.0	8.0	2.0
25 09 75 0925			.3		24551	5	11.0							
29 09 75 1130			.3		25700	6	11.6	140.	4.	1.		10.5	9.0	0.6
30 10 75 1035			.3		24564	6	8.1							
03 11 75 1130			.3		25714	6	8.8	330.	4.	1.		10.0	10.0	1.4
02 12 75 1140			.3		25728	6	68.0	160.	4.	12.		3.5	13.0	0.8
MAXIMUM							1290.	1140.	340.	52.		25.0	13.0	2.0
AVG OR GEOM MN (*)							225.6	71.*	7.*	6.* D		10.4	10.2	1.0
MINIMUM							8.1	8.	1.	1.		0.0	8.0	0.2
NO OF SAMPLES							19	12	12	12		11	11	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
07 01 75 1300			.3		0.050	0.016	0.08	0.62	0.005	0.020	1.10	75	2.	
04 02 75 1210			.3											
12 02 75 1415			.3		0.015	0.011	0.17	0.85	0.007	0.100	1.90	82	2.	
21 02 75 1110			.3											
11 03 75 1230			.3		0.026	0.008	0.23	0.74	0.007	0.160	1.20	86	2.	
27 03 75 1340			.3											
17 04 75 1100			.3		0.027	0.005	0.03	0.42	0.005	0.040	2.40	60	2.	
13 05 75 1215			.3		0.025	0.003	0.01 L	0.53	0.005	0.020	1.00	57	1.	
23 05 75 1455			.3											
04 06 75 1120			.3		0.022	0.004	0.01	0.40	0.006	0.040	1.00	68	2.	
25 06 75 1150			.3		0.031	0.006	0.05	0.58	0.004	0.030	1.00	69	1.	
31 07 75 0850			.3											
18 08 75 1050			.3		0.021	0.003	0.02	0.44	0.003	0.010L	1.80	56	1.	
28 08 75 0825			.3											
08 09 75 1200			.3		0.021	0.002	0.01 L	1.80	0.005	0.010L	0.79	60	1.	
25 09 75 0925			.3											
29 09 75 1130			.3		0.021	0.003	0.01 L	0.38	0.002	0.010	1.30	70	1.	
30 10 75 1035			.3											
03 11 75 1130			.3		0.019	0.001	0.01 L	0.39	0.005	0.010	1.10	100	3.	
02 12 75 1140			.3		0.037	0.002	0.01 L	0.49	0.003	0.030	2.00	160	7.	
MAXIMUM					0.050	0.016	0.23	1.80	0.007	0.160	2.40	160	7.	
AVG OR GEOM MN (*)					0.026	0.005	0.05 D	0.64	0.005	0.040D	1.38	79	2.	
MINIMUM					0.015	0.001	0.01	0.38	0.002	0.010	0.79	56	1.	
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	203 TOTAL ALUMINUM MG/L	265 TOTAL ARSENIC MG/L	64 CALCIUM MG/L	72 TOTAL CALCIUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	272 SIMPLE CYANIDE MG/L	215 TOTAL CADMIUM MG/L	229 TOTAL LEAD MG/L
07 01 75 1300			.3		25602		0.02							
21 02 75 1110			.3		24766		0.01 L							
11 03 75 1230			.3		25609		0.01 L							
27 03 75 1340			.3		24781		0.01 L							
17 04 75 1100			.3		25616		0.01 L							
13 05 75 1215			.3		25630		0.01 L							
23 05 75 1455			.3		24929		0.01 L							
04 06 75 1120			.3		25644		0.01 L							
25 06 75 1150			.3		25658		0.01 L							
31 07 75 0850			.3		24857		0.01 L							
18 08 75 1050			.3		25672		0.00							
28 08 75 0825			.3		24904		0.01 L							
08 09 75 1200			.3		25686		0.01 G							
25 09 75 0925			.3		24551		0.01 L							
29 09 75 1130			.3		25700		0.01 G							
30 10 75 1035			.3		24564		0.01 L							
03 11 75 1130			.3		25714		0.01 L							
02 12 75 1140			.3		25728		0.01 L							
MAXIMUM							0.02							
AVG OR GEOM MN (*)							0.01 E							
MINIMUM							0.00							
NO OF SAMPLES							18							

SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: BLACK RIVER
SAMPLE POINT: HIGHWAY 7 2 MILES EAST OF ACTINOLITE
STATION TYPE: RIVER

STATION ID: 17-0026-010-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: MOIRA RIVER

STORET CODE: 02
004
1090

STN NO 10 LAT LONG U.T.M. 18 0311750.0 4934275.0 4 REGION 04 MILEAGE 39.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
07 01 75 1230			.3		25601	6	84.4	72.	1.	1.		0.0	13.0	2.0
04 02 75 1200			.3		24754	4	82.5							
12 02 75 1345			.3		25606	6	60.5					0.0	11.0	1.0
21 02 75 1115			.3		24767	4	68.5							
11 03 75 1300			.3		25610	6	164.	12.	8.	1.		0.0	14.0	1.2
17 04 75 1045			.3		25615	6	816.	8.	12.	20.		2.5	13.0	1.2
13 05 75 1240			.3		25631	6	284.	8.	8.	1.			11.5	0.6
23 05 75 1500			.3		24930	6 8	177.							
04 06 75 1235			.3		25645	6	156.	124.	28.	28.		20.0	9.0	0.2
25 06 75 1200			.3		25659	6	42.3	110.	60.	4.		24.0	7.0	1.0
31 07 75 0900			.3		24858	5	31.1							
18 08 75 1100			.3		25673	5	26.4	120.	20.	10. L		22.0	8.0	2.0
28 08 75 0845			.3		24905	5	23.7							
08 09 75 1215			.3		25687	6	14.8	90.	90.	10. L		18.8	9.0	1.6
25 09 75 1055			.3		24552	5	16.0							
29 09 75 1150			.3		25701	6	14.2	70.	28.	1.		15.5	10.0	0.4
30 10 75 1045			.3		24565	5	1.5							
03 11 75 1150			.3		25715	6	5.9	20.	1.	1.		9.5	9.0	1.2
02 12 75 1345			.3		25729	6	71.8	170.	16.	108.		2.0	12.0	0.8
MAXIMUM							816.	170.	90.	108.		24.0	14.0	2.0
AVG OR GEOM MN (*)							112.7	46.*	12.*	5.* D		10.4	10.5	1.1
MINIMUM							1.5	8.	1.	1.		0.0	7.0	0.2
NO OF SAMPLES							19	11	11	11		11	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
07 01 75 1230			.3		0.040	0.010	0.10	0.78	0.007	0.050	1.50	128	2.	
04 02 75 1200			.3											
12 02 75 1345			.3		0.025	0.008	0.19	1.10	0.009	0.200	1.90	144	1.	
21 02 75 1115			.3											
11 03 75 1300			.3		0.040	0.012	0.28	0.82	0.009	0.130	2.50	122	2.	
17 04 75 1045			.3		0.022	0.006	0.07	0.45	0.006	0.110	2.00	98	1.	
13 05 75 1240			.3		0.022	0.004	0.01 L	0.44	0.006	0.010	1.00	88	1.	
23 05 75 1500			.3											
04 06 75 1235			.3		0.022	0.005	0.01 L	0.44	0.006	0.040	1.00	83	1.	
25 06 75 1200			.3		0.029	0.006	0.02	0.60	0.004	0.020	0.75	106	1.	
31 07 75 0900			.3											
18 08 75 1100			.3		0.042	0.002	0.01 L	0.48	0.002	0.010L	2.50	70	1.	
28 08 75 0845			.3											
08 09 75 1215			.3		0.017	0.004	0.01 L	0.53	0.004	0.010L	0.72	70	1.	
25 09 75 1055			.3											
29 09 75 1150			.3		0.015	0.002	0.01 L	0.40	0.003	0.040	0.99	75	1.	
30 10 75 1045			.3											
03 11 75 1150			.3		0.017	0.001	0.01 L	0.41	0.004	0.010L	0.85	105	4.	
02 12 75 1345			.3		0.013	0.001	0.01 L	0.42	0.003	0.060	1.50	160	2.	
MAXIMUM					0.042	0.012	0.28	1.10	0.009	0.200	2.50	160	4.	
AVG OR GEOM MN (*)					0.025	0.005	0.06 D	0.57	0.005	0.058D	1.43	104	1.	
MINIMUM					0.013	0.001	0.01	0.40	0.002	0.010	0.72	70	1.	
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	203 TOTAL ALUMINUM MG/L	265 TOTAL ARSENIC MG/L	64 CALCIUM MG/L	72 TOTAL CALCIUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	272 SIMPLE CYANIDE MG/L	215 TOTAL CADMIUM MG/L	229 TOTAL LEAD MG/L
07 01 75 1230			.3		25601		0.01 L							
04 02 75 1200			.3		24754		0.01							
21 02 75 1115			.3		24767		0.01 L							
11 03 75 1300			.3		25610		0.01 L							
17 04 75 1045			.3		25615		0.06 L							
13 05 75 1240			.3		25631		0.01 L							
23 05 75 1500			.3		24930		0.01 L							
04 06 75 1235			.3		25645		0.01 L							
25 06 75 1200			.3		25659		0.01 L							
31 07 75 0900			.3		24858		0.01 L							
18 08 75 1100			.3		25673		0.00							
28 08 75 0845			.3		24905		0.01 L							
08 09 75 1215			.3		25687		0.01 G							
25 09 75 1055			.3		24552		0.01 L							
29 09 75 1150			.3		25701		0.01 G							
30 10 75 1045			.3		24565		0.01 L							
03 11 75 1150			.3		25715		0.01 L							
02 12 75 1345			.3		25729		0.01 L							
MAXIMUM							0.06							
AVG OR GEOM MN (*)							0.01 E							
MINIMUM							0.00							
NO OF SAMPLES							18							

SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

B.O.W./ SITE: MOIRA LAKE
SAMPLE POINT: COUNTY BRIDGE 1 MILE SOUTH OF MADOC
STATION TYPE: LAKE

STATION ID: 17-0026-011-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: MOIRA RIVER

STORET CODE: 02
004
1090

STN NO 11   LAT   LONG   U.T.M. 18 0303700.0 4927750.0 4   REGION 04   MILEAGE 44.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
07 01 75 1015			.3		25600	4		12.	1.	1.		1.0	11.0	0.4
04 02 75 1030			.3		24752	4								
21 02 75 1130			.3		24769	4								
11 03 75 1445			.3		25611	6		8.	1.	1.		0.5	9.0	1.2
17 04 75 0935			.3		25998	6		4.	1.	1.		3.0	10.0	2.2
13 05 75 1410			.3		25635	6		4.	1.	1.			10.0	1.0
23 05 75 1510			.3		24932	6 8								
04 06 75 1435			.3		25649	6 9		28.	4.	28.		22.0	9.0	0.6
25 06 75 1410			.3		25663	5		8.	1.	1.		25.0	11.0	2.6
18 08 75 1305			.3		25677	5		10. L	10. L	10. L		24.0	10.0	2.0
28 08 75 0905			.3		24907	5								
08 09 75 1415			.3		25691	5		20.	20.	10. L		19.0	9.0	4.2
25 09 75 0950			.3		24554	5								
29 09 75 1410			.3		25705	5		20.	4.	1.		18.0	9.0	2.4
30 10 75 1110			.3		24567	6								
03 11 75 1400			.3		25719	6		20.	1.	1.		12.0	11.0	1.4
03 12 75 1130			.3		25733	6		40.	10. L	10. L		2.0	12.0	1.4
MAXIMUM								40.	20.	28.		25.0	12.0	4.2
AVG OR GEOM MN (*)								12.* D	3.* D	3.* D		12.7	10.1	1.8
MINIMUM								4.	1.	1.		0.5	9.0	0.4
NO OF SAMPLES								11	11	11		10	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
07 01 75 1015			.3		0.026	0.013	0.05	0.62	0.006	0.060	1.00	280	7.	
04 02 75 1030			.3											
21 02 75 1130			.3											
11 03 75 1445			.3		0.100	0.042	0.13	0.56	0.007	0.370	2.90	340	9.	
17 04 75 0935			.3		0.030	0.024	0.02	0.32	0.005	0.210	3.00	300	6.	
13 05 75 1410			.3		0.038	0.016	0.01 L	0.45	0.004	0.010L	1.00	230	4.	
23 05 75 1510			.3											
04 06 75 1435			.3		0.056	0.027	0.01 L	0.56	0.003	0.010	1.10	270	5.	
25 06 75 1410			.3		0.046	0.036	0.07	0.77	0.002	0.140	1.70	270	6.	
18 08 75 1305			.3		0.069	0.040	0.04	0.92	0.001	0.010L	4.00	270	7.	
28 08 75 0905			.3											
08 09 75 1415			.3		0.092	0.027	0.01 L	1.30	0.003	0.010L	3.50	260	8.	
25 09 75 0950			.3											
29 09 75 1410			.3		0.070	0.038	0.06	1.10	0.005	0.020	2.40	285	6.	
30 10 75 1110			.3											
03 11 75 1400			.3		0.053	0.038	0.01 L	0.72	0.003	0.010L	1.80	270	6.	
03 12 75 1130			.3		0.034	0.026	0.01 L	0.64	0.003	0.010L	1.50	300	7.	
MAXIMUM					0.100	0.042	0.13	1.30	0.007	0.370	4.00	340	9.	
AVG OR GEOM MN (*)					0.056	0.030	0.04 D	0.72	0.004	0.078D	2.17	280	6.	
MINIMUM					0.026	0.013	0.01	0.32	0.001	0.010	1.00	230	4.	
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	203 TOTAL ALUMINUM MG/L	265 TOTAL ARSENIC MG/L	64 CALCIUM MG/L	72 TOTAL CALCIUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	272 SIMPLE CYANIDE MG/L	215 TOTAL CADMIUM MG/L	229 TOTAL LEAD MG/L
07 01 75 1015			.3		25600		0.01 L							
04 02 75 1030			.3		24752		0.10							
21 02 75 1130			.3		24769		0.07							
11 03 75 1445			.3		25611		0.06 L							
17 04 75 0935			.3		25998		0.01 L							
13 05 75 1410			.3		25635		0.03							
23 05 75 1510			.3		24932		0.05							
04 06 75 1435			.3		25649		0.06							
25 06 75 1410			.3		25663		0.09							
18 08 75 1305			.3		25677		0.2 L							
28 08 75 0905			.3		24907		0.08							
08 09 75 1415			.3		25691		0.10							
25 09 75 0950			.3		24554		0.06							
29 09 75 1410			.3		25705		0.20							
30 10 75 1110			.3		24567		0.07							
03 11 75 1400			.3		25719		0.01 L							
03 12 75 1130			.3		25733		0.08 L							
MAXIMUM							0.2							
AVG OR GEOM MN (*)							0.08 D							
MINIMUM							0.01							
NO OF SAMPLES							17							

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SAMPLE INFORMATION SYSTEM        STATION SUMMARY REPORT - RIVER BASINS                                DATE OF REPORT  28 OCT 77

B.O.W./ SITE: MADOC CREEK
SAMPLE POINT: AT RAILWAY BRIDGE 1 MILE SOUTH OF MADOC                                         STATION ID:  17-0026-012-02
STATION TYPE: RIVER
                                                             MAJOR BASIN: GREAT LAKES                      STORET CODE: 02
                                                             MINOR BASIN: LAKE ONTARIO                                  004
                                                             TERM STREAM: MOIRA RIVER                                   1090

STN NO     12        LAT                LONG                U.T.M. 18 0303200.0 4903525.0 4     REGION 04           MILEAGE   46.50

SAMP DTE HOUR  STN  STN SAMP  PJ    934   901      444        80        81        84          88      805         3          1
DY MO YR LMT  DIST BRG DEPTH      SAMPLE   SCD FLOW CFS    TOTAL     FECAL      M.F.      PSEUD.    WATER     DISS.      5-DAY
              FEET      MTRS          NO                COLIFORM  COLIFORM    ENTER.         MPA    TEMP.        O2        BOD
                                                        MF/100ML  MF/100ML  MF/100ML    MF/100ML    DEG C      MG/L       MG/L

04 02 75 1040              .3    24753   4
21 02 75 1125              .3    24768   4
17 04 75 0945              .3    25997   6                    4.        1.       28.                  2.5      10.0       2.0
13 05 75 1400              .3    25634   6                   24.       24.        8.                           10.0       0.8
23 05 75 1505              .3    24931   6 8
04 06 75 1425              .3    25648   6                35000.      130.       28.                 19.0      11.0       0.2
25 06 75 1400              .3    25662   6                  400.      130.       28.                 25.0      10.0       1.2
31 07 75 0925              .3    24859   6 8
18 08 75 1255              .3    25676   6                   20.       20.       10. L               24.0      10.0       1.4
28 08 75 0900              .3    24906   5
08 09 75 1400              .3    25690   6                   40.       20.       40.                 21.5      12.0       2.2
25 09 75 0945              .3    24553   6
29 09 75 1355              .3    25704   5                   70.       16.        8.                 13.0      13.0       1.8
30 10 75 1105              .3    24566   5
03 11 75 1345              .3    25718   6                  110.       24.       24.                 12.0      10.5       0.8
03 12 75 1110              .3    25732   6                  400.       70.      170.                  2.0      13.0       0.6

                      MAXIMUM                             35000.      130.      170.                 25.0      13.0       2.2
           AVG OR GEOM MN (*)                              114.*      25.*      24.* D               14.9      11.1       1.2
                      MINIMUM                                 4.        1.        8.                  2.0      10.0       0.2

                NO OF SAMPLES                                  9         9         9                    8         9         9

SAMP DTE HOUR  STN  STN SAMP  PJ     33        34        19          20        21        22        16        14        56        55
DY MO YR LMT  DIST BRG DEPTH      TOTAL  FILTERED  FILTERED       TOTAL   NITRITE   NITRATE     TURB.     COND.  CHLORIDE        PH
              FEET      MTRS          P  REACTIVE   AMMONIA    KJELDAHL     NO2-N     NO3-N  FORMAZIN       25C      MG/L    AT LAB
                                   MG/L    P MG/L      MG/L        MG/L      MG/L      MG/L     UNITS     UMHOS

04 02 75 1040              .3
21 02 75 1125              .3
17 04 75 0945              .3     0.017     0.006      0.01        0.30     0.003     0.050      2.90       190        6.
13 05 75 1400              .3     0.024     0.003      0.01 L      0.50     0.004     0.020      1.40       380        5.
23 05 75 1505              .3
04 06 75 1425              .3     0.024     0.006      0.01 L      0.52     0.005     0.080      1.60       400        7.
25 06 75 1400              .3     0.039     0.008      0.02        0.67     0.010     0.120      2.10       400        9.
31 07 75 0925              .3
18 08 75 1255              .3     0.026     0.007      0.02        0.70     0.001    0.010L      1.00       390       17.
28 08 75 0900              .3
08 09 75 1400              .3     0.023     0.002      0.01 L      0.54     0.003    0.010L      0.90       375       24.
25 09 75 0945              .3
29 09 75 1355              .3     0.019     0.002      0.01 L      0.46     0.001    0.010L      1.70       455       21.
30 10 75 1105              .3
03 11 75 1345              .3     0.026     0.009      0.01 L      0.41     0.003     0.010      2.60       450       19.
03 12 75 1110              .3     0.012     0.001      0.01 L      0.46     0.006     0.440      2.50       490       16.

                      MAXIMUM     0.039     0.009      0.02        0.70     0.010     0.440      2.90       490       24.
           AVG OR GEOM MN (*)     0.023     0.005      0.01 D      0.51     0.004    0.083D      1.86       392       13.
                      MINIMUM     0.012     0.001      0.01        0.30     0.001     0.010      0.90       190        5.

                NO OF SAMPLES         9         9         9           9         9         9         9         9         9

SAMP DTE HOUR  STN  STN SAMP  PJ    934       203       265         64        72       221       225       272       215       229
DY MO YR LMT  DIST BRG DEPTH      SAMPLE     TOTAL     TOTAL                 TOTAL     TOTAL     TOTAL    SIMPLE     TOTAL     TOTAL
              FEET      MTRS          NO  ALUMINUM   ARSENIC     CALCIUM   CALCIUM  CHROMIUM    COPPER   CYANIDE   CADMIUM      LEAD
                                              MG/L      MG/L        MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

04 02 75 1040              .3    24753                0.01 L
21 02 75 1125              .3    24768                0.01 L
17 04 75 0945              .3    25997                0.04 L
13 05 75 1400              .3    25634                0.01 L
23 05 75 1505              .3    24931                0.01 L
04 06 75 1425              .3    25648                0.01 L
25 06 75 1400              .3    25662                0.01 L
31 07 75 0925              .3    24859                0.01 L
18 08 75 1255              .3    25676                0.01 L
28 08 75 0900              .3    24906                0.01 L
08 09 75 1400              .3    25690                0.01 G
25 09 75 0945              .3    24553                0.01
29 09 75 1355              .3    25704                0.01 G
30 10 75 1105              .3    24566                0.01 L
03 11 75 1345              .3    25718                0.20 L
03 12 75 1110              .3    25732                0.01 L

                      MAXIMUM                         0.20
           AVG OR GEOM MN (*)                         0.02 E
                      MINIMUM                         0.01

                NO OF SAMPLES                           16
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SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: MOIRA RIVER
SAMPLE POINT: HIGHWAY 7 1 MILE SOUTH OF DELORO
STATION TYPE: RIVER

STATION ID: 17-0026-013-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: MOIRA RIVER

STORET CODE: 02
004
1090

STN NO 13 LAT LONG U.T.M. 18 0291850.0 4930500.0 4 REGION 04 MILEAGE 57.60

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
04 02 75 1100			.3		24751	4	84.0							
21 02 75 1150			.3		24770	4	69.5							
27 03 75 1450			.3		24786	6	495.							
17 04 75 1030			.3		25614	6	510.	12.	1.	12.		2.5	12.0	1.4
13 05 75 1300			.3		25632	6	198.	24.	1.	1.			11.0	0.6
23 05 75 1525			.3		24933	6 8	72.8							
04 06 75 1300			.3		25646	6	36.7	76.	1.	1.		20.0	11.0	0.8
25 06 75 1300			.3		25660	6	18.1	32.	20.	1.		24.0	8.0	1.0
31 07 75 0950			.3		24861	7	1.8							
18 08 75 1125			.3		25674	7 6	1.4	90.	70.	10. L		21.0	8.0	1.2
28 08 75 0925			.3		24908	7	1.0							
08 09 75 1310			.3		25688	8	0.74	20.	10. L	10. L		19.0	13.0	1.8
25 09 75 1005			.3		24555	6	1.8							
29 09 75 1330			.3		25702	6	1.3	10.	10. L	10. L		12.0	13.0	1.0
30 10 75 1130			.3		24568	6	1.5							
03 11 75 1320			.3		25716	6	1.6	20.	12.	4.		12.5	11.0	0.6
03 12 75 1045			.3		25730	6	41.3	160.	60.	110.		2.0	13.0	1.6
MAXIMUM							510.	160.	70.	110.		24.0	13.0	1.8
AVG OR GEOM MN (*)							90.39	32.*	8.* D	6.* D		14.1	11.1	1.1
MINIMUM							0.74	10.	1.	1.		2.0	8.0	0.6
NO OF SAMPLES							17	9	9	9		8	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
04 02 75 1100			.3											
21 02 75 1150			.3											
27 03 75 1450			.3											
17 04 75 1030			.3		0.051	0.034	0.03	0.38	0.005	0.180	2.40	180	4.	
13 05 75 1300			.3		0.041	0.019	0.01 L	0.50	0.004	0.020	1.00	185	3.	
23 05 75 1525			.3											
04 06 75 1300			.3		0.056	0.033	0.01 L	0.64	0.006	0.070	0.90	79	4.	
25 06 75 1300			.3		0.064	0.058	0.01	0.67	0.004	0.070	0.95	225	4.	
31 07 75 0950			.3											
18 08 75 1125			.3		0.184	0.160	0.02	0.69	0.001	0.010L	1.10	230	5.	
28 08 75 0925			.3											
08 09 75 1310			.3		0.120	0.100	0.01 L	0.69	0.003	0.010L	0.62	210	6.	
25 09 75 1005			.3											
29 09 75 1330			.3		0.420	0.400	0.01 L	0.59	0.001	0.010L	1.20	245	8.	
30 10 75 1130			.3											
03 11 75 1320			.3				0.01 L	0.47	0.003	0.010	1.40	295	7.	
03 12 75 1045			.3		0.054	0.054	0.01 L	0.46	0.004	0.110	2.00	330	10.	
MAXIMUM					0.420	0.400	0.03	0.69	0.006	0.180	2.40	330	10.	
AVG OR GEOM MN (*)					0.124	0.107	0.01 D	0.57	0.003	0.054D	1.29	220	5.	
MINIMUM					0.041	0.019	0.01	0.38	0.001	0.010	0.62	79	3.	
NO OF SAMPLES					8	8	9	9	9	9	9	9	9	

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	203 TOTAL ALUMINUM MG/L	265 TOTAL ARSENIC MG/L	64 CALCIUM MG/L	72 TOTAL CALCIUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	272 SIMPLE CYANIDE MG/L	215 TOTAL CADMIUM MG/L	229 TOTAL LEAD MG/L
04 02 75 1100			.3		24751		0.13							
21 02 75 1150			.3		24770		0.06							
27 03 75 1450			.3		24786		0.01 L							
17 04 75 1030			.3		25614		0.01 L							
13 05 75 1300			.3		25632		0.01 L							
23 05 75 1525			.3		24933		0.06							
04 06 75 1300			.3		25646		0.10							
25 06 75 1300			.3		25660		0.16							
31 07 75 0950			.3		24861		0.8							
18 08 75 1125			.3		25674		0.8							
28 08 75 0925			.3		24908		0.6							
08 09 75 1310			.3		25688		0.40							
25 09 75 1005			.3		24555		1.0							
29 09 75 1330			.3		25702		2.50							
30 10 75 1130			.3		24568		2.4							
03 12 75 1045			.3		25730		0.10 L							
MAXIMUM							2.50							
AVG OR GEOM MN (*)							0.57 D							
MINIMUM							0.01							
NO OF SAMPLES							16							

SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

6.O.W./ SITE: MOIRA RIVER
SAMPLE POINT: DOWNSTREAM FROM VILLAGE OF MALONE
STATION TYPE: RIVER

STATION ID: 17-0026-019-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: MOIRA RIVER

STORET CODE: 02
004
1090

STN NO 19 LAT LONG U.T.M. 18 0293000.0 4936700.0 4 REGION 04 MILEAGE 62.60

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
04 02 75 1120			.3		24750	4								
21 02 75 1210			.3		24771	4								
17 04 75 1015			.3		25996	6		16.	32.	48.		2.5	12.0	3.2
13 05 75 1320			.3		25633	6		32.	28.	1.			10.0	0.8
23 05 75 1540			.3		24934	6 8								
04 06 75 1320			.3		25647	6		304.	60.	8.		20.0	9.0	0.4
25 06 75 1320			.3		25661	6		104.	60.	12.		25.0	9.0	1.0
31 07 75 1005			.3		24862	5 9								
18 08 75 1140			.3		25675	7 6		570.	280.	270.		17.5	8.0	0.8
28 08 75 0940			.3		24909	5								
08 09 75 1330			.3		25689	6		220.	120.	120.		19.5	10.5	2.2
25 09 75 1025			.3		24556	5								
29 09 75 1305			.3		25703	6		70.	10.	10.		14.5	10.0	1.0
30 10 75 1145			.3		24569	6								
03 11 75 1300			.3		25717	6		160.	12.	52.		11.5	11.0	2.0
03 12 75 1015			.3		25731	6		190.	80.	290.		1.0	14.0	1.6
MAXIMUM								570.	280.	290.		25.0	14.0	3.2
AVG OR GEOM MN (*)								118.*	47.*	30.*		13.9	10.4	1.4
MINIMUM								16.	10.	1.		1.0	8.0	0.4
NO OF SAMPLES								9	9	9		8	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
04 02 75 1120			.3											
21 02 75 1210			.3											
17 04 75 1015			.3		0.023	0.006	0.03	0.41	0.005	0.180	2.50	185	4.	
13 05 75 1320			.3		0.020	0.002	0.01 L	0.51	0.004	0.020	1.10	185	3.	
23 05 75 1540			.3											
04 06 75 1320			.3		0.034	0.001	0.01 L	0.64	0.006	0.120	1.30	79	4.	
25 06 75 1320			.3		0.035	0.008	0.01	0.70	0.006	0.010	1.80	225	4.	
31 07 75 1005			.3											
18 08 75 1140			.3		0.034	0.014	0.01	0.64	0.002	0.010L	1.60	310	7.	
28 08 75 0940			.3											
08 09 75 1330			.3		0.018	0.002	0.01 L	0.54	0.003	0.010L	0.62	330	8.	
25 09 75 1025			.3											
29 09 75 1305			.3		0.018	0.004	0.01 L	0.49	0.002	0.010L	1.10	355	8.	
30 10 75 1145			.3											
03 11 75 1300			.3		0.020	0.001	0.01 L	0.46	0.003	0.010L	1.10	350	16.	
03 12 75 1015			.3		0.019	0.002	0.01 L	0.57	0.005	0.220	2.90	290	12.	
MAXIMUM					0.035	0.014	0.03	0.70	0.006	0.220	2.90	355	16.	
AVG OR GEOM MN (*)					0.025	0.004	0.01 D	0.55	0.004	0.066D	1.56	257	7.	
MINIMUM					0.018	0.001	0.01	0.41	0.002	0.010	0.62	79	3.	
NO OF SAMPLES					9	9	9	9	9	9	9	9	9	

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	203 TOTAL ALUMINUM MG/L	265 TOTAL ARSENIC MG/L	64 CALCIUM MG/L	72 TOTAL CALCIUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	272 SIMPLE CYANIDE MG/L	215 TOTAL CADMIUM MG/L	229 TOTAL LEAD MG/L
04 02 75 1120			.3		24750		0.03							
21 02 75 1210			.3		24771		0.01 L							
17 04 75 1015			.3		25996		0.01 L							
13 05 75 1320			.3		25633		0.01 L							
23 05 75 1540			.3		24934		0.01 L							
04 06 75 1320			.3		25647		0.01 L							
25 06 75 1320			.3		25661		0.01 L							
31 07 75 1005			.3		24862		0.01 L							
18 08 75 1140			.3		25675		0.01 L							
28 08 75 0940			.3		24909		0.01 L							
08 09 75 1330			.3		25689		1.00 G							
25 09 75 1025			.3		24556		0.01 L							
29 09 75 1305			.3		25703		0.04							
30 10 75 1145			.3		24569		0.01 L							
03 11 75 1300			.3		25717		0.01 L							
MAXIMUM							1.00							
AVG OR GEOM MN (*)							0.08 E							
MINIMUM							0.01							
NO OF SAMPLES							15							

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SAMPLE INFORMATION SYSTEM       STATION SUMMARY REPORT - RIVER BASINS                        DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: SALMON RIVER                                                                     STATION ID:  17-0031-001-02
 SAMPLE POINT: AT OLD HIGHWAY 2, SHANNONVILLE
 STATION TYPE: RIVER                                    MAJOR BASIN: GREAT LAKES                                STORET CODE: 02
                                                        MINOR BASIN: LAKE ONTARIO                                            004
                                                        TERM STREAM: SALMON RIVER                                            1000

STN NO      1       LAT                 LONG                 U.T.M. 18 0321810.0 4895875.0 4    REGION 04             MILEAGE     1.80

                                       934       901     444        80        81        84        88       805         3         1
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE       SCDFLOW CFS     TOTAL     FECAL      M.F.    PSEUD.     WATER     DISS.     5-DAY
DY MO YR LMT   DIST BRG DEPTH           NO                    COLIFORM  COLIFORM    ENTER.       MPA     TEMP.        O2       BOD
               FEET      MTRS                                 MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L

07 01 75 1100              .3        26000  3             215.       80.       10. L     10. L               3.0      14.0       0.6
02 02 75 0930              .3        26003  6             240.       30.       10.       10.                 0.0      15.0       0.8
03 03 75 1000              .3        26006  6             350.       10. L     10. L     10. L               1.0       3.0       0.8
01 04 75                   .3        26009               1250.      168.        1.        8.                                     0.6
05 05 75                   .3        26012               1320.       70.       36.        4.                                     0.8
02 06 75 1000              .3        26015  6 0           171.       80.       70.       10. L              21.5       7.0       0.8
07 07 75 1020              .3        26018  0 6           29.7      110.       10.       10. L              22.5       7.0       0.6
12 08 75 0930              .3        26021  5              6.3      200.       50.       10.                24.5       8.0       1.2
02 09 75 1430              .3        26025  6              3.8  28700E+1    47000.     1500. G              24.0       9.0       1.0
30 09 75 0900              .3        26028  6              6.6    13800.      980.     1500. G              15.0       5.0       0.4
04 11 75 1030              .3        26031  0 6           13.3       40.       10.      100. L              12.0       9.0       0.8
08 12 75                   .3        26034                178.      210.       20.      100.                                     0.6


                      MAXIMUM                            1320.  28700E+1    47000.     1500.                24.5      15.0       1.2
           AVG OR GEOM MN (*)                            315.3     225.* D    39.* D    31.* E              13.7       8.6       0.8
                      MINIMUM                              3.8       10.        1.        4.                 0.0       3.0       0.4

                NO OF SAMPLES                               12        12        12        12                   9         9        12

                                      33        34        19        20        21        22        16        14        56        55
SAMP DTE HOUR  STN  STN SAMP  PJ   TOTAL  FILTERED  FILTERED     TOTAL   NITRITE   NITRATE     TURB.     COND.  CHLORIDE        PH
DY MO YR LMT   DIST BRG DEPTH          P  REACTIVE   AMMONIA  KJELDAHL     NO2-N     NO3-N  FORMAZIN       25C      MG/L    AT LAB
               FEET      MTRS       MG/L    P MG/L      MG/L      MG/L      MG/L      MG/L     UNITS     UMHOS

07 01 75 1100              .3      0.012     0.004      0.01      0.50     0.004     0.410      1.20       240        5.
02 02 75 0930              .3      0.011     0.003      0.01 L    0.39     0.003     0.180      1.30       230        4.
03 03 75 1000              .3      0.018     0.008      0.05      0.52     0.008     0.590      2.20       260        5.
01 04 75                   .3      0.018     0.002      0.01 L    0.40     0.004     0.290      1.90       198        3.
05 05 75                   .3      0.021     0.021      0.01      0.34     0.004     0.220     10.00       160        3.
02 06 75 1000              .3      0.030     0.009      0.03      0.72     0.005     0.020      2.60       205        0.
07 07 75 1020              .3      0.044     0.005      0.01 L    1.00     0.003    0.010L      3.00       230        5.
12 08 75 0930              .3      0.024     0.003      0.02      0.52     0.004     0.040      2.20       245        8.
02 09 75 1430              .3      0.060     0.006      0.01 L    0.64     0.002    0.010L      2.00       280       11.
30 09 75 0900              .3      0.074     0.040      0.01      0.44     0.005     0.090      2.00       330        5.
04 11 75 1030              .3      0.016     0.002      0.01 L    0.44     0.003     0.030      1.40       350       12.
03 12 75                   .3      0.024     0.005      0.01      0.57     0.005     0.710     10.00       430        7.


                      MAXIMUM      0.074     0.040      0.05      1.00     0.008     0.710     10.00       430       12.
           AVG OR GEOM MN (*)      0.029     0.009      0.02 D    0.54     0.004    0.217D      3.32       263        5.
                      MINIMUM      0.011     0.002      0.01      0.34     0.002     0.010      1.20       160        0.

                NO OF SAMPLES         12        12        12        12        12        12        12        12        12

                                      59         5         6         7       107        67        66        45        47        41
SAMP DTE HOUR  STN  STN SAMP  PJ SULPHATE     TOTAL     SUSP.     DISS.     DISS.   PTSSIUM    SODIUM     TOT C   ORGANIC       COD
DY MO YR LMT   DIST BRG DEPTH                SOLIDS    SOLIDS    SOLIDS    SOLIDS         K        NA      AS C    C AS C
               FEET      MTRS       MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

07 01 75 1100              .3                 170.       15. L               155
02 02 75 0930              .3                 175.       15. L               160
03 03 75 1000              .3                 188.        8.                 180
01 04 75                   .3                 132.        4.                 128
05 05 75                   .3                 109.        5.                 104
02 06 75 1000              .3                 137.        4.                 133
07 07 75 1020              .3                 155.        5.                 150
12 08 75 0930              .3                 165.        6.                 159
02 09 75 1430              .3                 190.        4.                 186
30 09 75 0900              .3                 219.        4.                 215
04 11 75 1030              .3                 231.        3.                 228
08 12 75                   .3                 296.       15.       281


                      MAXIMUM                 296.       15.       281       228
           AVG OR GEOM MN (*)                 180.        7. D     281       163
                      MINIMUM                 109.        3.       281       104

                NO OF SAMPLES                   12        12         1        11
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SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

B.O.W./ SITE: NAPANEE RIVER
SAMPLE POINT: DOWNSTREAM FROM NAPANEE
STATION TYPE: RIVER

STATION ID: 17-0035-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: NAPANEE RIVER

STORET CODE: 02
004
0870

STN NO 1   LAT   LONG   U.T.M. 18 0342300.0 4897625.0 4   REGION 04   MILEAGE 3.50

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
07 01 75	0115			.3		26002	6		7500.	700.	460.		1.0	12.0	2.0
02 02 75	1030			.3		26004	4		5100.	720.	980.		0.0	12.0	2.6
03 03 75	1045			.3		26007	4		3700.	390.	510.		1.0	4.0	1.4
01 04 75				.3		26010			1400.	150.	70.				0.6
05 05 75				.3		26014			20800.	740.	210.				1.5
02 06 75	1045			.3		26016	6 0		700.	240.	10. L		23.0	5.0	2.8
07 07 75	1100			.3		26019	0 6		2400.	200.	10. L		23.0	5.0	3.2
12 08 75	1030			.3		26022	5		4500.	960.	10. L		25.5	7.0	5.5
02 09 75	1530			.3		26026	5		7400.	1500. G	10. L		20.5	4.0	2.0
30 09 75	0945			.3		26029	5		12800.	500.	10. L		16.0	6.0	1.4
04 11 75	1115			.3		26032	0 6		6100.	200.	10. L		12.0	6.0	2.8
08 12 75				.3		26035			24000.	1700.	280.				1.2
MAXIMUM									24000.	1700.	980.		25.5	12.0	5.5
AVG OR GEOM MN (*)									5244.*	502.* U	56.* D		13.6	6.8	2.3
MINIMUM									700.	150.	10.		0.0	4.0	0.6
NO OF SAMPLES									12	12	12		9	9	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
07 01 75	0115			.3		0.072	0.040	0.06	0.74	0.006	0.160	1.90	280	9.	7.5
02 02 75	1030			.3		0.092	0.026	0.03	1.10	0.006	0.200	2.20	250	7.	7.5
03 03 75	1045			.3		0.074	0.048	0.09	0.64	0.009	0.400	2.20	285	8.	7.4
01 04 75				.3		0.029	0.003	0.01 L	0.49	0.006	0.230	2.40	210	5.	7.6
05 05 75				.3		0.054	0.016	0.07	0.74	0.005	0.040	11.00	205	6.	7.7
02 06 75	1045			.3		0.210	0.078	0.14	1.30	0.017	0.030	7.10	265	9.	7.5
07 07 75	1100			.3		0.220	0.073	0.05	1.40	0.004	0.010L	8.60	270	9.	7.9
12 08 75	1030			.3		0.260	0.081	0.10	1.60	0.005	0.010L	5.10	230	10.	7.7
02 09 75	1530			.3		0.180	0.082	0.10	1.00	0.017	0.060	4.40	195	6.	
30 09 75	0945			.3		0.130	0.064	0.13	0.84	0.015	0.200		210	7.	7.8
04 11 75	1115			.3		0.150	0.057	0.02	0.89	0.015	0.120	4.50	300	13.	8.1
08 12 75				.3		0.038	0.009	0.01 L	0.62	0.007	0.790	3.00	370	11.	8.0
MAXIMUM						0.260	0.082	0.14	1.60	0.017	0.790	11.00	370	13.	8.1
AVG OR GEOM MN (*)						0.126	0.048	0.07 D	0.95	0.009	0.188D	4.76	256	8.	7.7
MINIMUM						0.029	0.003	0.01	0.49	0.004	0.010	1.90	195	5.	7.4
NO OF SAMPLES						12	12	12	12	12	12	11	12	12	11

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
07 01 75	0115			.3		26002	1.	102	134		0.35	50		0.1L	1.73
02 02 75	1030			.3		26004	5.	89	116		0.30	70			
03 03 75	1045			.3		26007	2.	117	138		0.30	40			
01 04 75				.3		26010	5.	87	112		0.25	45			
05 05 75				.3		26014	4.	92	103		0.45	60			
02 06 75	1045			.3		26016	8.	114	130		0.75	70G			
07 07 75	1100			.3		26019	3.	114	134		0.30	60	1. L	0.2	0.45
12 08 75	1030			.3		26022	4.	97		110.	0.45	65			
02 09 75	1530			.3		26026									
30 09 75	0945			.3		26029	3.	76			0.15			0.4	1.30
04 11 75	1115			.3		26032	2.	120		145.	0.37	30			
08 12 75				.3		26035		131			0.18		1. L		2.30
MAXIMUM							8.	131	138	145.	0.75	70	1.	0.4	2.30
AVG OR GEOM MN (*)							3.	104	124	127.	0.35	54U	1. D	0.2D	1.44
MINIMUM							1.	76	103	110.	0.15	30	1.	0.1	0.45
NO OF SAMPLES							10	11	7	2	11	9	2	3	4

CONT'D

B.O.W./ SITE: NAPANEE RIVER
SAMPLE POINT: DOWNSTREAM FROM NAPANEE
STATION TYPE: RIVER

STATION ID: 17-0035-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: NAPANEE RIVER

STORET CODE: 02
004
0870

STN NO 1 LAT LONG U.T.M. 18 0342300.0 4897625.0 4 REGION 04 MILEAGE 3.50

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
07 01 75	0115			.3		29.	200.	15. L		185	1.6	6.00			40
02 02 75	1030			.3			195.	15. L		180					
03 03 75	1045			.3			204.	4.		200					
01 04 75				.3			138.	5.		133					
05 05 75				.3			145.	12.		133					
02 06 75	1045			.3			191.	19.		172					
07 07 75	1100			.3		12.	196.	20.		176	1.5	7.20			20L
12 08 75	1030			.3			171.	21.		150					
02 09 75	1530			.3			151.	12.		139					
30 09 75	0945			.3		18.	137.			137	2.0	6.50			38
04 11 75	1115			.3			208.	13.		195					
08 12 75				.3		40.	246.	5.		241					34
MAXIMUM						40.	246.	21.		241	2.0	7.20			40
AVG OR GEOM MN (*)						24.	181.	12. D		170	1.7	6.57			33D
MINIMUM						12.	137.	4.		133	1.5	6.00			20
NO OF SAMPLES						4	12	11		12	3	3			4

B.O.W./ SITE: NAPANEE RIVER
SAMPLE POINT: MINK BRIDGE UPSTREAM FROM HIGHWAY 401
STATION TYPE: RIVER

STATION ID: 17-0035-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: NAPANEE RIVER

STORET CODE: 02
004
0870

STN NO 2 LAT LONG U.T.M. 18 0346110.0 4904300.0 4 REGION 04 MILEAGE 9.20

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
07 01 75	0145			.3		26001	6		400.	10.	50.		1.0	9.0	1.8
02 02 75	1045			.3		26005	6		430.	50.	30.		0.0	7.0	1.6
03 03 75	1115			.3		26008	6		460.	10.	10. L		1.0	9.0	0.8
01 04 75				.3		26011			80.	10. L	10.				0.6
05 05 75				.3		26013			1600.	170.	10. L				0.9
02 06 75	1115			.3		26017	6 0		4700.	1070.	20.		21.5	3.0	0.4
07 07 75	1130			.3		26020	0 6		300.	100.	10. L		22.5	3.0	1.0
12 08 75	1045			.3		26023	6		3100.	900.	10.		24.5	6.0	1.0
02 09 75	1330			.3		26024	6		6800.	560.	10.		20.0	5.0	0.6
30 09 75	0830			.3		26027	6		1000.	540.	10. L		14.5	7.0	0.8
04 11 75	0830			.3		26030	0 6		400.	10. L	10. L		12.0	2.0	2.4
08 12 75				.3		26033			120.	40.	10. L				1.4
MAXIMUM									6800.	1070.	50.		24.5	9.0	2.4
AVG OR GEOM MN (*)									702.*	82.* D	13.* D		13.0	5.7	1.1
MINIMUM									80.	10.	10.		0.0	2.0	0.4
NO OF SAMPLES									12	12	12		9	9	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
07 01 75	0145			.3		0.020	0.008	0.02	0.62	0.006	0.130	1.70	260	6.	
02 02 75	1045			.3		0.026	0.008	0.01	0.68	0.005	0.110	1.60	229	5.	
03 03 75	1115			.3		0.028	0.008	0.06	0.64	0.008	0.310	1.80	260	6.	
01 04 75				.3		0.019	0.002	0.02	0.45	0.006	0.180	2.50	205	4.	
05 05 75				.3		0.029	0.006	0.02	0.50	0.004	0.030	1.00	215	5.	
02 06 75	1115			.3		0.049	0.022	0.03	0.75	0.008	0.040	1.80	250	6.	
07 07 75	1130			.3		0.062	0.014	0.01 L	0.76	0.005	0.010L	3.00	220	6.	
12 08 75	1045			.3		0.110	0.030	0.05	0.74	0.005	0.010	1.50	230	6.	
02 09 75	1330			.3		0.057	0.030	0.01 L	0.51	0.003	0.040	1.60	136	2.	
30 09 75	0830			.3		0.020	0.004	0.01 L	0.53	0.014	0.550	2.00	245	5.	
04 11 75	0830			.3		0.040	0.004	0.01 L	0.60	0.013	0.080	3.40	280	9.	
08 12 75				.3		0.012	0.002	0.01 L	0.56	0.007	0.680	3.40	360	7.	
MAXIMUM						0.110	0.030	0.06	0.76	0.014	0.680	3.40	360	9.	
AVG OR GEOM MN (*)						0.039	0.012	0.02 D	0.61	0.007	0.181D	2.11	241	5.	
MINIMUM						0.012	0.002	0.01	0.45	0.003	0.010	1.00	136	2.	
NO OF SAMPLES						12	12	12	12	12	12	12	12	12	

SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: WILTON CREEK
SAMPLE POINT: COUNTY ROAD 8, 1 MILE EAST OF CAMBERS
STATION TYPE: CREEK

STATION ID: 17-0037-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: LAKE ONTARIO
TERM STREAM: WILTON CREEK

STORET CODE: 02
004
0690

STN NO 1 LAT LONG U.T.M. 18 0348500.0 4896500.0 4 REGION 04 MILEAGE 2.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
13 01 75 1000			.3		36004	6 8	235.	570.	70.	280.		0.0	14.0	1.4
10 02 75 1000			.3		36021	4 6 8	10.5	230.	10.	80.		0.0	11.0	0.8
10 03 75 1000			.3		36038	4 6 8	28.5	10.	4.	16.		0.0	12.0	1.0
07 04 75 1015			.3		36055	4 6 8	59.0	10. L	10.	10.		0.0	11.0	0.2
05 05 75 0950			.3		36072	6 8	44.4	70.	52.	24.		10.0	8.0	1.2
02 06 75 0950			.3		36089	6 8	12.6	1800.	1800.	136.		17.0	5.0	1.2
07 07 75 1000			.3		36106	6 8	2.5	400.	110.	10. L		25.0	6.0	1.4
11 08 75 1000			.3		36122	6 8	0.43	200.	190.	120.		23.0	5.0	1.0
02 09 75 1000			.3		36139	6 8		600.	140.	100.		17.0	8.0	1.0
06 10 75 1020			.3		36156	6 8	7.0	1100.	500.	100.		13.0	7.0	3.2
10 11 75 1100			.3		36173	6 8	18.0	1200.	460.	490.		12.0	12.0	1.0
01 12 75 1010			.3		36190	6 8	79.7	2100.	850.	1840.		4.0	9.0	0.6
MAXIMUM							235.	2100.	1800.	1840.		25.0	14.0	3.2
AVG OR GEOM MN (*)							45.24	279.* D	103.*	84.* D		10.1	9.0	1.2
MINIMUM							0.43	10.	4.	10.		0.0	5.0	0.2
NO OF SAMPLES							11	12	12	12		12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
13 01 75 1000			.3		0.096	0.030	0.03	0.56	0.009	0.280	10.00	300	9.	
10 02 75 1000			.3		0.043	0.014	0.01 L	0.88	0.008	1.100	4.10	640	43.	
10 03 75 1000			.3		0.043	0.018	0.03	0.45	0.007	0.750	4.50	480	28.	
07 04 75 1015			.3		0.095	0.005	0.01 L	0.60	0.008	0.770	3.70	475	30.	
05 05 75 0950			.3		0.045	0.011	0.01	0.59	0.005	0.020	4.10	430	20.	
02 06 75 0950			.3		0.073	0.008	0.02	0.84	0.003	0.010	12.00	500		
07 07 75 1000			.3		0.120	0.020	0.03	1.10	0.005	0.010L	20.00	490	50.	
11 08 75 1000			.3		0.081	0.012	0.08	0.99	0.012	0.010	1.60	580	3.	
02 09 75 1000			.3		0.072	0.005	0.02	0.64	0.003	0.010L	15.00	720	140.	
06 10 75 1020			.3		0.056	0.006	0.02	0.80	0.004	0.010L	8.40	485	32.	
10 11 75 1100			.3		0.052	0.005	0.01 L	1.80	0.003	0.020	12.00	580	34.	
01 12 75 1010			.3		0.051	0.004	0.01 L	0.56	0.009	0.970	7.20	505	24.	
MAXIMUM					0.120	0.030	0.08	1.80	0.012	1.100	20.00	720	140.	
AVG OR GEOM MN (*)					0.069	0.012	0.02 D	0.82	0.006	0.330D	8.55	515	37.	
MINIMUM					0.043	0.004	0.01	0.45	0.003	0.010	1.60	300	3.	
NO OF SAMPLES					12	12	12	12	12	12	12	12	11	

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
13 01 75 1000			.3			195.	25.	170						
10 02 75 1000			.3			410.	7.	403						
10 03 75 1000			.3			320.	9.	311						
07 04 75 1015			.3			390.	111.	279						
05 05 75 0950			.3			290.	8.	282						
02 06 75 0950			.3			380.	32.	348						
07 07 75 1000			.3			368.	27.	341						
11 08 75 1000			.3			376.	12.	364						
02 09 75 1000			.3			475.	17.	458						
06 10 75 1020			.3			343.	18.	325						
10 11 75 1100			.3			421.	13.	408						
01 12 75 1010			.3			342.	15.	327						
MAXIMUM						475.	111.	458						
AVG OR GEOM MN (*)						359.	24.	335						
MINIMUM						195.	7.	170						
NO OF SAMPLES						12	12	12						

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SAMPLE INFORMATION SYSTEM        STATION SUMMARY REPORT - RIVER BASINS                          DATE OF REPORT   28 OCT 77

 B.O.W./ SITE: OTTAWA RIVER                                                                       STATION ID:   18-0000-020-02
 SAMPLE POINT: AT OKA FERRY, OKA
 STATION TYPE: RIVER                                          MAJOR BASIN: GREAT LAKES                             STORET CODE: 02
                                                              MINOR BASIN: OTTAWA RIVER                                         006

STN NO      20        LAT                 LONG                U.T.M. 18 0570060.0 5030350.0 4     REGION 04              MILEAGE    39.00


                                          934        901       444         80         81         84         88        805          3           1
SAMP DTE HOUR  STN  STN SAMP  PJ        SAMPLE        SCD  FLOW CFS      TOTAL      FECAL       M.F.     PSEUD.     WATER       DISS.      5-DAY
DY MO YR LMT   DIST BRG DEPTH             NO                          COLIFORM   COLIFORM     ENTER.        MPA     TEMP.          O2        BOD
               FEET         MTRS                                     MF/100ML   MF/100ML   MF/100ML   MF/100ML     DEG C        MG/L       MG/L

20 05 75 1530                 .3        24795     5                                                                                         0.8
10 06 75 1515                 .3        24943     5                      290.        70.        10.  L                                      0.2
28 07 75 1430                 .3        24830     5                     2900.       380.       160.                                         1.2
25 08 75 1340                 .3        24877     5                      130.        20.        10.  L             21.3         9.2
22 09 75 1400                 .3        24524     5                     1500.       230.        50.                                         0.6


                        MAXIMUM                                         2900.       380.       160.                 21.3         9.2        1.2
             AVG OR GEOM MN (*)                                          636.*      105.*       30.* D              21.3         9.2        0.7
                        MINIMUM                                          130.        20.        10.                 21.3         9.2        0.2

                  NO OF SAMPLES                                             4          4          4                    1           1          4


                                          33         34        19         20         21         22         16         14         56          55
SAMP DTE HOUR  STN  STN SAMP  PJ        TOTAL   FILTERED  FILTERED      TOTAL    NITRITE    NITRATE      TURB.      COND.  CHLORIDE          PH
DY MO YR LMT   DIST BRG DEPTH               P   REACTIVE   AMMONIA   KJELDAHL     NO2-N      NO3-N   FORMAZIN       25C       MG/L      AT LAB
               FEET         MTRS         MG/L     P MG/L      MG/L       MG/L       MG/L       MG/L      UNITS     UMHOS

20 05 75 1530                 .3        0.017      0.008      0.08       0.40      0.005      0.100       2.60        86         3.
10 06 75 1515                 .3        0.035      0.013      0.05       0.34      0.008      0.270       5.60        88         3.
28 07 75 1430                 .3        0.046      0.020      0.07       0.44      0.009      0.100       4.30        74         3.
25 08 75 1340                 .3
22 09 75 1400                 .3        0.023      0.011      0.07       0.35      0.008      0.130       3.30       115         3.


                        MAXIMUM         0.046      0.020      0.08       0.44      0.009      0.270       5.60       115         3.
             AVG OR GEOM MN (*)         0.030      0.013      0.07       0.38      0.008      0.150       3.95        91         3.
                        MINIMUM         0.017      0.008      0.05       0.34      0.005      0.100       2.60        74         3.

                  NO OF SAMPLES             4          4         4          4          4          4          4         4          4


                                          59          5         6          7        107         67         66         45         47          41
SAMP DTE HOUR  STN  STN SAMP  PJ     SULPHATE      TOTAL     SUSP.      DISS.      DISS.    PTSSIUM     SODIUM     TOT C    ORGANIC         COD
DY MO YR LMT   DIST BRG DEPTH                    SOLIDS    SOLIDS     SOLIDS     SOLIDS          K         NA      AS C     C AS C
               FEET         MTRS         MG/L       MG/L      MG/L       MG/L       MG/L       MG/L       MG/L      MG/L       MG/L        MG/L

20 05 75 1530                 .3                    89.       34.                    55
10 06 75 1515                 .3                    63.        4.                    49
28 07 75 1430                 .3                    57.        8.         49
22 09 75 1400                 .3                    80.        5.                    75


                        MAXIMUM                     89.       34.         49         75
             AVG OR GEOM MN (*)                     72.       12.         49         60
                        MINIMUM                     57.        4.         49         49

                  NO OF SAMPLES                        4         4          1          3
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SAMPLE INFORMATION SYSTEM        STATION SUMMARY REPORT - RIVER BASINS                        DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: OTTAWA RIVER                                                                      STATION ID:   18-0000-041-02
 SAMPLE POINT: AT CARILLON DAM, POINTE FORTUNE
 STATION TYPE: RIVER                                          MAJOR BASIN: GREAT LAKES                          STORET CODE: 02
                                                              MINOR BASIN: OTTAWA RIVER                                      006

STN NO     41       LAT                 LONG                  U.T.M. 18 0548150.0 5046150.0 4     REGION 04              MILEAGE   56.80

                                            934       901      444         80         81         84         88        805         3          1
SAMP DTE HOUR  STN  STN SAMP  PJ          SAMPLE        SCD  FLOW CFS     TOTAL      FECAL       M.F.      PSEUD.      WATER      DISS.      5-DAY
DY MO YR LMT   DIST BRG DEPTH                 NO                        COLIFORM   COLIFORM     ENTER.        MPA      TEMP.        O2        BOD
               FEET       MTRS                                         MF/100ML   MF/100ML   MF/100ML   MF/100ML     DEG C       MG/L       MG/L

20 05 75 1650               .3            24796    9                     10.        10.  L     10.  L                                       0.8
10 06 75 1630               .3            24944    9                     50.        20.        10.  L                                       0.4
28 07 75 1540               .3            24831    9                     30.        10.  L     10.  L                                       1.2
25 08 75 1445               .3            24878    5                    140.        70.        10.                   22.0        7.9
22 09 75 1455               .3            24525    5                    500.        60.        10.  L                                       0.8


                       MAXIMUM                                          500.        70.        10.                   22.0        7.9        1.2
             AVG OR GEOM MN (*)                                          64.*       24.* D     10.* D                22.0        7.9        0.8
                       MINIMUM                                           10.        10.        10.                   22.0        7.9        0.4

                NO OF SAMPLES                                              5          5          5                      1          1          4


                                          33        34        19         20         21         22         16         14         56         55
SAMP DTE HOUR  STN  STN SAMP  PJ        TOTAL   FILTERED  FILTERED      TOTAL    NITRITE    NITRATE      TURB.      COND.   CHLORIDE         PH
DY MO YR LMT   DIST BRG DEPTH               P   REACTIVE  AMMONIA    KJELDAHL      NO2-N      NO3-N   FORMAZIN       25C        MG/L     AT LAB
               FEET       MTRS           MG/L     P MG/L     MG/L       MG/L       MG/L       MG/L      UNITS     UMHOS

20 05 75 1650               .3          0.019     0.008     0.10       0.45      0.005      0.100       2.80        77          2.
10 06 75 1630               .3          0.050     0.011     0.05       0.42      0.007      0.220       7.00        92          3.
28 07 75 1540               .3          0.036     0.015     0.10       0.46      0.007      0.100       2.10        68          2.
25 08 75 1445               .3
22 09 75 1455               .3          0.023     0.009     0.10       0.43      0.006      0.110       2.10        75          2.


                       MAXIMUM          0.050     0.015     0.10       0.46      0.007      0.220       7.00        92          3.
             AVG OR GEOM MN (*)         0.032     0.011     0.09       0.44      0.006      0.133       3.50        78          2.
                       MINIMUM          0.019     0.008     0.05       0.42      0.005      0.100       2.10        68          2.

                NO OF SAMPLES               4         4         4          4          4          4          4         4          4


                                          59          5         6          7        107         67         66         45         47         41
SAMP DTE HOUR  STN  STN SAMP  PJ     SULPHATE      TOTAL     SUSP.      DISS.      DISS.    PTSSIUM     SODIUM      TOT C    ORGANIC        COD
DY MO YR LMT   DIST BRG DEPTH                     SOLIDS    SOLIDS     SOLIDS     SOLIDS          K         NA       AS C     C AS C
               FEET       MTRS           MG/L       MG/L      MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L

20 05 75 1650               .3                      53.        4.                    49
10 06 75 1630               .3                      65.        6.                    49
28 07 75 1540               .3                      48.        4.                    44
22 09 75 1455               .3                      51.        2.                    49


                       MAXIMUM                      65.        6.                    49
             AVG OR GEOM MN (*)                     54.        4.                    48
                       MINIMUM                      48.        2.                    44

                NO OF SAMPLES                         4          4                     4
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SAMPLE INFORMATION SYSTEM        STATION SUMMARY REPORT - RIVER BASINS                        DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: OTTAWA RIVER                                                                     STATION ID:  18-0000-051-82
 SAMPLE POINT: CHANNEL 1 AND 2 HAWKESBURY
 STATION TYPE: RIVER COMPOSITE                              MAJOR BASIN: GREAT LAKES                       STORET CODE: 02
                                                            MINOR BASIN: OTTAWA RIVER                                   006

STN NO     51       LAT              LONG             U.T.M. 18 0530775.0 5050925.0 4     REGION 04          MILEAGE   68.00

                                           934       901      444       80        81        84        88       805         3         1
SAMP DTE HOUR  STN  STN SAMP  PJ        SAMPLE       SCD  FLOW CFS    TOTAL     FECAL      M.F.    PSEUD.    WATER     DISS.     5-DAY
DY MO YR LMT   DIST BRG DEPTH               NO                     COLIFORM  COLIFORM    ENTER.       MPA    TEMP.        O2       BOD
               FEET     MTRS                                       MF/100ML  MF/100ML  MF/100ML  MF/100ML    DEG C      MG/L      MG/L

20 01 75 1610              .3           24004    6                   650.       80.       70.                0.0       9.8       0.8
24 02 75 1630              .3           24019    6                   290.       30.       30.                0.8      11.9       1.1
24 03 75 1810              .3           24043    4                   380.      300.      130.                0.2       6.5       0.8
20 05 75 1745              .3           24797    6                   200.       10.       10.  L                                 0.4
10 06 75 1730              .3           24945    6                    70.       20.       10.  L                                 0.2
28 07 75 1630              .3           24832    6 9                 310.      110.       10.  L                                 1.4
25 08 75 1515              .3           24879    5                    70.       10.  L    10.  L            21.5       7.6
22 09 75 1540              .3           24526    5                   260.      150.       10.                                    0.8


                      MAXIMUM                                        650.      300.      130.               21.5      11.9       1.4
           AVG OR GEOM MN (*)                                        221.*      47.* D    20.* D             5.6       9.0       0.8
                      MINIMUM                                         70.       10.       10.                0.0       6.5       0.2

                NO OF SAMPLES                                           8         8         8                  4         4         7

                                          33        34        19       20        21        22        16        14        56        55
SAMP DTE HOUR  STN  STN SAMP  PJ       TOTAL  FILTERED  FILTERED    TOTAL   NITRITE   NITRATE     TURB.     COND.  CHLORIDE        PH
DY MO YR LMT   DIST BRG DEPTH              P  REACTIVE  AMMONIA  KJELDAHL     NO2-N     NO3-N  FORMAZIN       25C      MG/L    AT LAB
               FEET     MTRS            MG/L    P MG/L      MG/L     MG/L      MG/L      MG/L     UNITS     UMHOS

20 01 75 1610              .3          0.040     0.012     0.07      0.52     0.007     0.210      4.40       125        4.
24 02 75 1630              .3          0.025     0.004     0.05      0.35     0.005     0.210      4.40        96        3.
24 03 75 1810              .3          0.049     0.014     0.08      0.46     0.006     0.290     12.00       120        6.
20 05 75 1745              .3          0.012     0.004     0.01 L    0.26     0.003     0.020      2.50       150        4.
10 06 75 1730              .3          0.038     0.016     0.05      0.41     0.009     0.280      6.00        92        3.
28 07 75 1630              .3          0.036     0.012     0.10      0.46     0.006     0.100      1.30        68        2.
25 08 75 1515              .3
22 09 75 1540              .3          0.029     0.004     0.03      0.39     0.007     0.110      3.40        70        2.


                      MAXIMUM          0.049     0.016     0.10      0.52     0.009     0.290     12.00       150        6.
           AVG OR GEOM MN (*)          0.033     0.009     0.06 D    0.41     0.006     0.174      4.86       103        3.
                      MINIMUM          0.012     0.004     0.01      0.26     0.003     0.020      1.30        68        2.

                NO OF SAMPLES              7         7         7        7         7         7         7         7         7

                                          59         5         6        7       107        67        66        45        47        41
SAMP DTE HOUR  STN  STN SAMP  PJ    SULPHATE     TOTAL     SUSP.    DISS.     DISS.   PTSSIUM    SODIUM     TOT C   ORGANIC       COD
DY MO YR LMT   DIST BRG DEPTH                   SOLIDS    SOLIDS   SOLIDS    SOLIDS         K        NA      AS C    C AS C
               FEET     MTRS            MG/L      MG/L      MG/L     MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

24 02 75 1630              .3                      70.        8.      62
24 03 75 1810              .3                      94.       16.                78
20 05 75 1745              .3                     102.        4.                98
10 06 75 1730              .3                      65.        6.                49
28 07 75 1630              .3                      47.        3.                44
22 09 75 1540              .3                      49.        3.                46


                      MAXIMUM                     102.       16.      62        98
           AVG OR GEOM MN (*)                      71.        6.      62        63
                      MINIMUM                      47.        3.      62        44

                NO OF SAMPLES                        6         6       1         5
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SAMPLE INFORMATION SYSTEM       STATION SUMMARY REPORT - RIVER BASINS                         DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: OTTAWA RIVER                                                                      STATION ID:  18-0000-061-02
 SAMPLE POINT: AT MONTEBELLO FERRY
 STATION TYPE: RIVER                                     MAJOR BASIN: GREAT LAKES                               STORET CODE: 02
                                                         MINOR BASIN: OTTAWA RIVER                                            006

STN NO    61      LAT               LONG                  U.T.M. 18 0504650.0 5054350.0 4     REGION 04             MILEAGE    85.60

                                     934        901       444        80        81        84        88       805          3         1
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE        SCD  FLOW CFS     TOTAL     FECAL      M.F.    PSEUD.     WATER     DISS.     5-DAY
DY MO YR LMT   DIST BRG DEPTH            NO                      COLIFORM  COLIFORM    ENTER.       MPA     TEMP.        O2       BOD
               FEET      MTRS                                    MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L

21 05 75 1500              .3       24811     6                                                            10.0       5.0         0.8
11 06 75 0820              .3       24948     5                   100.       90.       10.                                        0.2
29 07 75 0750              .3       24835     5                   520.       10.       10.  L                                     0.8
26 08 75 0745              .3       24882     5                   640.      140.       10.                 21.3       8.0
23 09 75 0800              .3       24529     5                   330.       80.       10.  L              15.0       9.0         0.6


                      MAXIMUM                                     640.      140.       10.                 21.3       9.0         0.8
           AVG OR GEOM MN (*)                                     324.*      56.*      10.* D              15.4       7.3         0.6
                      MINIMUM                                     100.       10.       10.                 10.0       5.0         0.2

                NO OF SAMPLES                                          4         4         4                   3         3          4


                                        33       34        19        20        21        22        16         14        56        55
SAMP DTE HOUR  STN  STN SAMP  PJ      TOTAL  FILTERED  FILTERED     TOTAL   NITRITE   NITRATE    TURB.      COND.  CHLORIDE        PH
DY MO YR LMT   DIST BRG DEPTH             P  REACTIVE   AMMONIA  KJELDAHL     NO2-N     NO3-N  FORMAZIN       25C      MG/L    AT LAB
               FEET      MTRS          MG/L    P MG/L      MG/L      MG/L      MG/L      MG/L    UNITS     UMHOS

21 05 75 1500              .3       0.026     0.007     0.04       0.36      0.003     0.120      3.60        78       2.
11 06 75 0820              .3       0.027     0.007     0.03       0.36      0.006     0.230      4.50        78       2.
29 07 75 0750              .3       0.037     0.014     0.04       0.35      0.006     0.130      3.70        67       2.
26 08 75 0745              .3
23 09 75 0800              .3       0.029     0.013     0.04       0.30      0.006     0.130      2.70        70       2.


                      MAXIMUM       0.037     0.014     0.04       0.36      0.006     0.230      4.50        78       2.
           AVG OR GEOM MN (*)       0.030     0.010     0.04       0.34      0.005     0.153      3.63        73       2.
                      MINIMUM       0.026     0.007     0.03       0.30      0.003     0.120      2.70        67       2.

                NO OF SAMPLES            4         4         4         4         4         4         4         4        4


                                        99        5         6         7     107        67        66        45        47        41
SAMP DTE HOUR  STN  STN SAMP  PJ  SULPHATE      TOTAL     SUSP.     DISS.     DISS.   PTSSIUM    SODIUM     TOT C   ORGANIC       COD
DY MO YR LMT   DIST BRG DEPTH                  SOLIDS    SOLIDS    SOLIDS    SOLIDS         K        NA      AS C    C AS C
               FEET      MTRS          MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

21 05 75 1500              .3                  56.         4.                   52
11 06 75 0820              .3                  95.        38.                   57
29 07 75 0750              .3                  50.         6.                   44
23 09 75 0800              .3                  50.         4.                   46


                      MAXIMUM                  95.        38.                   57
           AVG OR GEOM MN (*)                  62.        13.                   50
                      MINIMUM                  50.         4.                   44

                NO OF SAMPLES                      4         4                   4
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SAMPLE INFORMATION SYSTEM       STATION SUMMARY REPORT - RIVER BASINS                         DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: OTTAWA RIVER                                          FLOW GAUGE 02LB010       STATION ID:  18-0000-070-02
 SAMPLE POINT: AT THURSO CLARENCE FERRY
 STATION TYPE: RIVER                                     MAJOR BASIN: GREAT LAKES                              STORET CODE: 02
                                                         MINOR BASIN: OTTAWA RIVER                                          006

STN NO     70      LAT              LONG                 U.T.M. 18 0481125.0 5047850.0 4     REGION 04             MILEAGE  102.30


                                      934       901       444        80        81        84        88       805         3          1
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE       SCD  FLOW CFS     TOTAL     FECAL      M.F.    PSEUD.     WATER     DISS.      5-DAY
DY MO YR LMT   DIST BRG DEPTH           NO                      COLIFORM  COLIFORM    ENTER.       MPA     TEMP.        O2        BOD
               FEET       MTRS                                  MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L       MG/L

11 06 75 1900               .3      24960      6                2100.      490.      10.                                          0.2
29 07 75 1630               .3      24847      6                1500.  G    10.      10.  L                                       0.8
26 08 75 1550               .3      24894      5                3100.      900.      10.  L                20.3       7.9         0.6
23 09 75 1650               .3      24541      5                1420.      660.      50.                   15.2       9.6         0.8


                     MAXIMUM                                    3100.      900.      50.                   20.3       9.6         0.8
          AVG OR GEOM MN (*)                                    1929.* U   232.*     15.* D                17.8       8.8         0.6
                     MINIMUM                                    1420.       10.      10.                   15.2       7.9         0.2

              NO OF SAMPLES                                        4         4         4                      2         2          4


                                     33        34        19        20        21        22        16        14        56         55
SAMP DTE HOUR  STN  STN SAMP  PJ   TOTAL  FILTERED  FILTERED     TOTAL   NITRITE   NITRATE     TURB.     COND.  CHLORIDE         PH
DY MO YR LMT   DIST BRG DEPTH          P  REACTIVE  AMMONIA   KJELDAHL     NO2-N     NO3-N  FORMAZIN       25C      MG/L     AT LAB
               FEET       MTRS      MG/L    P MG/L      MG/L      MG/L      MG/L      MG/L     UNITS     UMHOS

11 06 75 1900               .3     0.025     0.008     0.02      0.46     0.007     0.190      2.70       76        2.
29 07 75 1630               .3     0.028     0.018     0.03      0.32     0.005     0.110      2.00       64        2.
26 08 75 1550               .3     0.022     0.005     0.01 L    0.31     0.010     0.100      1.40       72        2.
23 09 75 1650               .3     0.031     0.017     0.05      0.37     0.006     0.120      2.80       70        2.


                     MAXIMUM       0.031     0.018     0.05      0.46     0.010     0.190      2.80       76        2.
          AVG OR GEOM MN (*)       0.027     0.012     0.03 D    0.37     0.007     0.130      2.23       71        2.
                     MINIMUM       0.022     0.005     0.01      0.31     0.005     0.100      1.40       64        2.

              NO OF SAMPLES          4         4         4         4         4         4         4         4         4



                                     59         5         6         7       107        67        66        45        47         41
SAMP DTE HOUR  STN  STN SAMP  PJ SULPHATE     TOTAL     SUSP.     DISS.     DISS.   PTSSIUM    SODIUM    TOT C    ORGANIC        COD
DY MO YR LMT   DIST BRG DEPTH               SOLIDS    SOLIDS    SOLIDS    SOLIDS         K        NA     AS C     C AS C
               FEET       MTRS      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L     MG/L       MG/L       MG/L

11 06 75 1900               .3                52.        3.                  49
29 07 75 1630               .3                44.        3.                  41
26 08 75 1550               .3                53.        3.                  50
23 09 75 1650               .3                49.        3.                  46


                     MAXIMUM                  53.        3.                  50
          AVG OR GEOM MN (*)                  49.        3.                  47
                     MINIMUM                  44.        3.                  41

              NO OF SAMPLES                    4         4                    4
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SAMPLE INFORMATION SYSTEM       STATION SUMMARY REPORT - RIVER BASINS                        DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: OTTAWA RIVER                                                                      STATION ID:  18-0000-078-83
 SAMPLE POINT: PERLEY BRIDGE, HAWKESBURY MAIN CHANNEL
 STATION TYPE: RIVER COMPOSITE                           MAJOR BASIN: GREAT LAKES                              STORET CODE: 02
                                                         MINOR BASIN: OTTAWA RIVER                                          006

STN NO     78       LAT                LONG              U.T.M. 18 0531225.0 5051500.0 4     REGION 04            MILEAGE   68.00


                                      934       901       444        80        81        84        88       805         3         1
SAMP DTE HOUR  STN   STN SAMP  PJ    SAMPLE       SCD  FLOW CFS     TOTAL     FECAL      M.F.    PSEUD.     WATER     DISS.     5-DAY
DY MO YR LMT   DIST BRG DEPTH            NO                      COLIFORM  COLIFORM    ENTER.       MPA     TEMP.        O2       BOD
               FEET       MTRS                                   MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L

25 03 75 1800               .3        24044  4                    4500.     570.     140.                   0.2       6.4        3.0
20 05 75 1800               .3        24798  6                     260.      60.      10.  L                                     0.6
10 06 75 1745               .3        24946  6                     150.      70.      10.  L                                     0.2
28 07 75 1645               .3        24833  6                     150.      30.      10.  L                                     1.0
25 08 75 1545               .3        24880  5                   20000.    5000.      10.  L                   21.3       7.8
22 09 75 1600               .3        24527  5                     240.      60.      10.  L                                     0.6


                       MAXIMUM                                   20000.    5000.     140.                  21.3       7.8        3.0
           AVG OR GEOM MN (*)                                      709.*    167.*     16.* D               10.8       7.1        1.1
                       MINIMUM                                     150.      30.      10.                   0.2       6.4        0.2

                 NO OF SAMPLES                                        6         6         6                   2         2         5




                                       33        34        19        20        21        22        16        14        56        55
SAMP DTE HOUR  STN   STN SAMP  PJ     TOTAL  FILTERED  FILTERED     TOTAL   NITRITE   NITRATE     TURB.     COND.  CHLORIDE        PH
DY MO YR LMT   DIST BRG DEPTH             P  REACTIVE   AMMONIA  KJELDAHL     NO2-N     NO3-N  FORMAZIN       25C      MG/L    AT LAB
               FEET       MTRS         MG/L    P MG/L      MG/L      MG/L      MG/L      MG/L     UNITS     UMHOS

25 03 75 1800               .3       0.051     0.005     0.70      1.50      0.007     0.340     11.00       124       8.
20 05 75 1800               .3       0.020     0.006     0.06      0.53      0.005     0.100      2.60        81       2.
10 06 75 1745               .3       0.034     0.012     0.04      0.37      0.007     0.250      6.00        82       3.
28 07 75 1645               .3       0.030     0.015     0.05      0.32      0.006     0.110      2.00        64       2.
25 08 75 1545               .3
22 09 75 1600               .3       0.022     0.006     0.02      0.29      0.005     0.110      2.30        70       2.


                       MAXIMUM       0.051     0.015     0.70      1.50      0.007     0.340     11.00       124       8.
           AVG OR GEOM MN (*)        0.031     0.009     0.17      0.60      0.006     0.182      4.78        84       3.
                       MINIMUM       0.020     0.005     0.02      0.29      0.005     0.100      2.00        64       2.

                 NO OF SAMPLES           5         5         5         5         5         5         5         5         5



                                       59         5         6         7       107        67        66        45        47        41
SAMP DTE HOUR  STN   STN SAMP  PJ  SULPHATE     TOTAL     SUSP.     DISS.     DISS.   PTSSIUM    SODIUM     TOT C   ORGANIC       COD
DY MO YR LMT   DIST BRG DEPTH                  SOLIDS    SOLIDS    SOLIDS    SOLIDS         K        NA      AS C    C AS C
               FEET       MTRS         MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

25 03 75 1800               .3                 103.      22.                  81
20 05 75 1800               .3                  56.       3.                  53
10 06 75 1745               .3                  57.       5.                  52
28 07 75 1645               .3                  44.       4.                  41
22 09 75 1600               .3                  49.       3.                  46


                       MAXIMUM                 103.      22.                  81
           AVG OR GEOM MN (*)                   61.       7.                  55
                       MINIMUM                  44.       3.                  41

                 NO OF SAMPLES                     5         5                   5
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SAMPLE INFORMATION SYSTEM       STATION SUMMARY REPORT - RIVER BASINS                      DATE OF REPORT  28 OCT 77

B.O.W./ SITE: OTTAWA RIVER                                                                 STATION ID:  18-0000-120-83
SAMPLE POINT: ALEXANDRA BRIDGE, OTTAWA
STATION TYPE: RIVER COMPOSITE                               MAJOR BASIN: GREAT LAKES                     STORET CODE: 02
                                                            MINOR BASIN: OTTAWA RIVER                                 006

STN NO    120       LAT                 LONG                U.T.M. 18 0444850.0 5030750.0 4      REGION 04             MILEAGE  128.90


                                   934    901    444         80         81         84         88        805          3          1
SAMP DTE HOUR  STN  STN SAMP  PJ  SAMPLE  SCD FLOW CFS    TOTAL      FECAL       M.F.     PSEUD.      WATER      DISS.      5-DAY
DY MO YR LMT   DIST BRG DEPTH         NO               COLIFORM   COLIFORM     ENTER.        MPA      TEMP.         O2        BOD
               FEET      MTRS                          MF/100ML   MF/100ML   MF/100ML   MF/100ML      DEG C       MG/L       MG/L

22 05 75 0650              .3      24806  5                150.        60.        10. L                            5.5        1.2
11 06 75 1530              .3      24955  5 9             1300.       500.        10. L                                       0.2
29 07 75 1320              .3      24842  5 8             1500. G     150.        10. L                                       1.0
26 08 75 1250              .3      24889  5               3900.       310.        20.                  21.5        9.6        0.6
23 09 75 1355              .3      24536  5                870.       510.        30.                  15.0       10.8        0.6


                      MAXIMUM                             3900.       510.        30.                  21.5       10.8        1.2
           AVG OR GEOM MN (*)                             998.* U    235.*       14.* D                18.3        8.6        0.7
                      MINIMUM                              150.        60.        10.                  15.0        5.5        0.2

                NO OF SAMPLES                                 5          5          5                     2          3          5



                                         33         34         19         20         21         22         16         14         56         55
SAMP DTE HOUR  STN  STN SAMP  PJ      TOTAL   FILTERED   FILTERED      TOTAL    NITRITE    NITRATE      TURB.      COND.   CHLORIDE         PH
DY MO YR LMT   DIST BRG DEPTH             P   REACTIVE    AMMONIA   KJELDAHL      NO2-N      NO3-N   FORMAZIN        25C       MG/L     AT LAB
               FEET      MTRS          MG/L     P MG/L       MG/L       MG/L       MG/L       MG/L      UNITS      UMHOS

22 05 75 0650              .3         0.028      0.003       0.04       0.53      0.005      0.110       3.40         80         3.        7.5
11 06 75 1530              .3         0.020      0.004       0.02       0.58      0.008      0.240       2.60         66         2.        7.7
29 07 75 1320              .3         0.025      0.007       0.01       0.30      0.005      0.170       2.10         75         1.        7.4
26 08 75 1250              .3         0.007      0.003       0.01 L     0.27      0.038      0.140       1.90         70         2.        7.4
23 09 75 1355              .3         0.016      0.009       0.02       0.40      0.006      0.170       2.70         75         2.        7.8


                      MAXIMUM         0.028      0.009       0.04       0.58      0.038      0.240       3.40         80         3.        7.8
           AVG OR GEOM MN (*)         0.019      0.005       0.02 D     0.42      0.012      0.166       2.54         73         2.        7.6
                      MINIMUM         0.007      0.003       0.01       0.27      0.005      0.110       1.90         66         1.        7.4

                NO OF SAMPLES             5          5          5          5          5          5          5          5          5          5



                                        934         95         52         50         76         61         68         25         60        280
SAMP DTE HOUR  STN  STN SAMP  PJ     SAMPLE    ACIDITY    TOT ALK   HARDNESS     CALCUL      TOTAL     COLOUR    PHENOLS              REACTIVE
DY MO YR LMT   DIST BRG DEPTH            NO       MG/L     AT LAB      CACO3   HARDNESS       IRON      HAZEN              FLUORIDE   SILICATE
               FEET      MTRS                                MG/L       MG/L       MG/L       MG/L      UNITS       UG/L       MG/L    SI MG/L

22 05 75 0650              .3         24806         3.         22         34                  0.45         30         1.       0.1L       2.20
11 06 75 1530              .3         24955         3.         18         26                  0.15         30         2.       0.1L       2.60
29 07 75 1320              .3         24842         2.         16                   25.       0.40         20        0.0       0.1L       2.30
26 08 75 1250              .3         24889         3.         17                   29.       0.15         20         1. L      0.1       1.90
23 09 75 1355              .3         24536         3.         20                   30.       0.34         35         1. L      0.2       1.80


                      MAXIMUM                       3.         22         34        30.       0.45         35         2.        0.2       2.60
           AVG OR GEOM MN (*)                       2.         19         30        28.       0.30         27       1.0D       0.1D       2.16
                      MINIMUM                       2.         16         26        25.       0.15         20        0.0        0.1       1.80

                NO OF SAMPLES                        5          5          2          3          5          5          5          5          5
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CONT'D

B.O.W./ SITE: OTTAWA RIVER
SAMPLE POINT: ALEXANDRA BRIDGE, OTTAWA
STATION TYPE: RIVER COMPOSITE

STATION ID: 18-0000-120-83

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER

STORET CODE: 02
006

STN NO 120 LAT LONG U.T.M. 18 0444850.0 5030750.0 4 REGION 04 MILEAGE 128.90

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
22 05 75 0650			.3		12.	57.	5.		52	1.0	2.40			20L
11 06 75 1530			.3		11.	46.	4.		42	0.9	2.20			20L
29 07 75 1320			.3		10.	51.	2.		49	0.7	1.90			20L
26 08 75 1250			.3		11.	48.	2.		46	0.8	2.10			20
23 09 75 1355			.3		12.	51.	2.		49	0.7	2.50			16
MAXIMUM					12.	57.	5.		52	1.0	2.50			20
AVG OR GEOM MN (*)					11.	50.	3.		48	0.8	2.22			19D
MINIMUM					10.	46.	2.		42	0.7	1.90			16
NO OF SAMPLES					5	5	5		5	5	5			5

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	203 TOTAL ALUMINUM MG/L	265 TOTAL ARSENIC MG/L	64 CALCIUM MG/L	72 TOTAL CALCIUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	272 SIMPLE CYANIDE MG/L	215 TOTAL CADMIUM MG/L	229 TOTAL LEAD MG/L
22 05 75 0650			.3		24806	0.29		9.6			0.05 L			
11 06 75 1530			.3		24955	0.39		8.0			0.03 L			
29 07 75 1320			.3		24842	0.23			7.0		0.03 L			
26 08 75 1250			.3		24889	0.14			8.0		0.03 L			
23 09 75 1355			.3		24536	0.18			8.0		0.02			
MAXIMUM						0.39		9.6	8.0		0.05			
AVG OR GEOM MN (*)						0.25		8.8	7.7		0.03 D			
MINIMUM						0.14		8.0	7.0		0.02			
NO OF SAMPLES						5		2	3		5			

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	65 MAG NESIUM MG/L	74 TOT. MAG NESIUM MG/L	200 MANGNESE MN MG/L	235 TOTAL MERCURY UG/L	238 TOTAL NICKEL MG/L	249 TOTAL ZINC MG/L	217 TOTAL COBALT MG/L	218 BARIUM MG/L	219 SELENIUM MG/L	361 SOLVENT EXTRBLES MG/L
22 05 75 0650			.3		2.0		0.02		0.04 L	0.030L				
11 06 75 1530			.3		1.0		0.03		0.06	0.010L				
29 07 75 1320			.3			2.00	0.03 L		0.04 L	0.030L				
26 08 75 1250			.3			2.20	0.02 L		0.03	0.020L				
23 09 75 1355			.3			2.50	0.02 L		0.01 L	0.010				
MAXIMUM					2.0	2.50	0.03		0.06	0.030				
AVG OR GEOM MN (*)					1.5	2.23	0.02 D		0.04 D	0.020D				
MINIMUM					1.0	2.00	0.02		0.01	0.010				
NO OF SAMPLES					2	3	5		5	5				

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SAMPLE INFORMATION SYSTEM        STATION SUMMARY REPORT - RIVER BASINS                            DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: OTTAWA RIVER                                              FLOW GAUGE 02KF005         STATION ID:  18-0000-150-02
 SAMPLE POINT: BRITANNIA WATERWORKS
 STATION TYPE: RIVER                                            MAJOR BASIN: GREAT LAKES                             STORET CODE: 02
                                                                MINOR BASIN: OTTAWA RIVER                                         006

STN NO    150       LAT                 LONG                U.T.M. 18 0437900.0 5024650.0 4      REGION 04               MILEAGE  133.80


                                        934       901       444        80         81         84         88        805          3          1
SAMP DTE HOUR  STN  STN SAMP  PJ      SAMPLE       SCD  FLOW CFS     TOTAL      FECAL       M.F.     PSEUD.     WATER      DISS.      5-DAY
DY MO YR LMT   DIST BRG DEPTH             NO                      COLIFORM   COLIFORM     ENTER.        MPA     TEMP.         O2        BOD
               FEET       MTRS                                    MF/100ML   MF/100ML   MF/100ML   MF/100ML     DEG C       MG/L       MG/L

22 01 75 0925               .3         24008     6                     80.         8.         1.                 6.5       12.6        0.6
26 02 75 0910               .3         24028     6                                                               5.1       14.8        1.0
26 03 75 0710               .3         24057                                                                     3.5       12.8        0.2
22 05 75 0710               .3         24813                          10.  L      1.         1.                              5.5        0.4
12 06 75 0745               .3         24961                          10.  L     10.  L     10.  L                                      0.2
30 07 75 0710               .3         24848                         100.        10.  L     10.  L                                      0.6
27 08 75 0650               .3         24895                         100.  L     10.  L     10.  L                                      0.4
24 09 75 0650               .3         24542                         140.        50.        10.                                         0.4


                       MAXIMUM                                       140.        50.        10.                  6.5       14.8        1.0
              AVG OR GEOM MN (*)                                      47.* D      9.* D      5.* D               5.0       11.4        0.5
                       MINIMUM                                        10.         1.         1.                  3.5        5.5        0.2

                 NO OF SAMPLES                                          6          6          6                    3          4          8


                                         33         34         19         20         21         22         16         14         56         55
SAMP DTE HOUR  STN  STN SAMP  PJ      TOTAL   FILTERED   FILTERED      TOTAL    NITRITE    NITRATE      TURB.      COND.   CHLORIDE         PH
DY MO YR LMT   DIST BRG DEPTH             P   REACTIVE    AMMONIA   KJELDAHL      NO2-N      NO3-N   FORMAZIN        25C       MG/L     AT LAB
               FEET       MTRS         MG/L     P MG/L       MG/L       MG/L       MG/L       MG/L      UNITS      UMHOS

22 01 75 0925               .3         0.025      0.009      0.09       0.77       0.007      0.200      2.90        95         3.         7.3
26 02 75 0910               .3         0.022      0.011      0.09       0.37       0.004      0.240      5.40        83         2.         7.1
26 03 75 0710               .3         0.005      0.003      0.09       0.15       0.003      0.310      0.70       141         4.         7.8
22 05 75 0710               .3         0.005      0.003      0.03       0.23       0.002      0.110      0.40       128         4.         8.1
12 06 75 0745               .3         0.007      0.003      0.01 L     1.00       0.001      0.270      0.30       150         6.         8.2
30 07 75 0710               .3         0.026      0.009      0.01 L     0.41       0.003      0.210      2.10        91         3.         7.3
27 08 75 0650               .3         0.007      0.009      0.02       0.25       0.007      0.170      1.70        82         2.         7.7
24 09 75 0650               .3         0.017      0.008      0.01 L     0.29       0.004      0.210      2.30        95         3.         7.5


                       MAXIMUM         0.026      0.011      0.09       1.00       0.007      0.310      5.40       150         6.         8.2
              AVG OR GEOM MN (*)       0.014      0.007      0.04 D     0.43       0.004      0.215      1.98       108         3.         7.6
                       MINIMUM         0.005      0.003      0.01       0.15       0.001      0.110      0.30        82         2.         7.1

                 NO OF SAMPLES           8          8          8          8          8          8          8          8          8          8


                                        934         95         52         50         76         61         68         25         60        280
SAMP DTE HOUR  STN  STN SAMP  PJ      SAMPLE   ACIDITY    TOT ALK   HARDNESS     CALCUL      TOTAL     COLOUR    PHENOLS              REACTIVE
DY MO YR LMT   DIST BRG DEPTH             NO      MG/L     AT LAB      CACO3   HARDNESS       IRON      HAZEN              FLUORIDE   SILICATE
               FEET       MTRS                              MG/L       MG/L       MG/L       MG/L      UNITS       UG/L       MG/L    SI MG/L

22 01 75 0925               .3         24008        4.         25         35                 0.35         30         1. L       0.1L       2.05
26 02 75 0910               .3         24028        6.         22         30                 0.45         30         1.         0.1L       2.30
26 03 75 0710               .3         24057        2.         30         55                 0.05          5                    1.1        3.00
22 05 75 0710               .3         24813        1.         24         51                 0.05         10                    1.0        3.00
12 06 75 0745               .3         24961        1.         26         54                 0.45         10         1. L       1.0        2.80
30 07 75 0710               .3         24848        2.         22                    35.     0.50         25         0.0L       0.1L       2.10
27 08 75 0650               .3         24895        2.         20                    35.     0.18         20         1. L       0.1L       2.00
24 09 75 0650               .3         24542        1.         25                    37.     0.28         30         1. L       0.2        2.30


                       MAXIMUM                      6.         30         55         37.     0.50         30         1.         1.1        3.00
              AVG OR GEOM MN (*)                    2.         24         45         35.     0.29         20         0.8D       0.5D       2.44
                       MINIMUM                      1.         20         30         35.     0.05          5         0.0        0.1        2.00

                 NO OF SAMPLES                        8          8          5          3          8          8          6          8          8
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CONT'D

B.O.W./ SITE: OTTAWA RIVER
SAMPLE POINT: BRITANNIA WATERWORKS
STATION TYPE: RIVER

FLOW GAUGE 02KF005

STATION ID: 18-0000-150-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER

STORET CODE: 02
006

STN NO 150 LAT LONG

U.T.M. 18 0437900.0 5024650.0 4

REGION 04

MILEAGE 133.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
22 01 75 0925			.3		10.	77.	15. L		62	0.8	2.50			30
26 02 75 0910			.3		10.	70.	12.	58		1.1	3.10			20
26 03 75 0710			.3		23.	91.			91	1.0	3.70			30
22 05 75 0710			.3		28.	33.	0.		33	0.9	2.50			20L
12 06 75 0745			.3		27.	98.	0.		98	0.9	3.50			20L
30 07 75 0710			.3		15.	62.	3.		59	0.8	2.50			20L
27 08 75 0650			.3		13.	54.	1.		53	1.0	2.70			20
24 09 75 0650			.3		13.	63.	1.		62	0.8	3.00			16
MAXIMUM					28.	98.	15.	58	98	1.1	3.70			30
AVG OR GEOM MN (*)					17.	68.	4. D	58	65	0.9	2.94			22D
MINIMUM					10.	33.	0.	58	33	0.8	2.50			16
NO OF SAMPLES					8	8	7	1	7	8	8			8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	203 TOTAL ALUMINUM MG/L	265 TOTAL ARSENIC MG/L	64 CALCIUM MG/L	72 TOTAL CALCIUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	272 SIMPLE CYANIDE MG/L	215 TOTAL CADMIUM MG/L	229 TOTAL LEAD MG/L
22 01 75 0925			.3		24008	0.41		10.0			0.05 L			
26 02 75 0910			.3		24028	0.22		9.0			0.06			
26 03 75 0710			.3		24057	0.18		18.0			0.05 L			
22 05 75 0710			.3		24813	0.11		16.4			0.05 L			
12 06 75 0745			.3		24961	0.25		30.0			0.03 L			
30 07 75 0710			.3		24848	0.29			9.0		0.06			
27 08 75 0650			.3		24895	0.15 L			9.4		0.03 L			
24 09 75 0650			.3		24542	0.17			10.0		0.06			
MAXIMUM						0.41		30.0	10.0		0.06			
AVG OR GEOM MN (*)						0.22 D		16.7	9.5		0.05 D			
MINIMUM						0.11		9.0	9.0		0.03			
NO OF SAMPLES						8		5	3		8			

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	65 MAG NESIUM MG/L	74 TOT. MAG NESIUM MG/L	200 MANGNESE MN MG/L	235 TOTAL MERCURY UG/L	238 TOTAL NICKEL MG/L	249 TOTAL ZINC MG/L	217 TOTAL COBALT MG/L	218 BARIUM MG/L	219 SELENIUM MG/L	361 SOLVENT EXTRBLES MG/L
22 01 75 0925			.3		2.0		0.04 L		0.07 L	0.050L				
26 02 75 0910			.3		2.0		0.15		0.07 L	0.050L				
26 03 75 0710			.3		2.0		0.04 L		0.07 L	0.020				
22 05 75 0710			.3		2.0		0.02 L		0.04 L	0.030L				
12 06 75 0745			.3		6.0		0.02		0.08	0.010L				
30 07 75 0710			.3			3.00	0.02		0.04 L	0.030L				
27 08 75 0650			.3			2.75	0.02 L		0.03 L	0.020L				
24 09 75 0650			.3			3.00	0.02 L		0.02 L	0.020L				
MAXIMUM					6.0	3.00	0.15		0.08	0.050				
AVG OR GEOM MN (*)					2.8	2.92	0.04 D		0.05 D	0.029D				
MINIMUM					2.0	2.75	0.02		0.02	0.010				
NO OF SAMPLES					5	3	8		8	8				

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SAMPLE INFORMATION SYSTEM       STATION SUMMARY REPORT - RIVER BASINS                        DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: OTTAWA RIVER                                               FLOW GAUGE 02KF009         STATION ID:  18-0000-170-02
 SAMPLE POINT: AT CHATS FALLS, FITZROY HARBOUR
 STATION TYPE: RIVER                                       MAJOR BASIN: GREAT LAKES                            STORET CODE: 02
                                                           MINOR BASIN: OTTAWA RIVER                                        006

STN NO    170       LAT                  LONG                U.T.M. 18 0403150.0 5036250.0 4     REGION 04             MILEAGE  163.60


                                          934      901        444        80        81        84        88       805          3         1
SAMP DTE HOUR  STN  STN SAMP  PJ       SAMPLE      SCD   FLOW CFS     TOTAL     FECAL      M.F.    PSEUD.     WATER      DISS.     5-DAY
DY MO YR LMT   DIST BRG DEPTH              NO                      COLIFORM  COLIFORM    ENTER.       MPA     TEMP.         02       BOD
               FEET      MTRS                                      MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C       MG/L      MG/L

14 01 75 1105              .3       25110            41800.      340.       20.       30.                  0.0        6.0       1.0
10 02 75 1210              .3       25132            39400.      200.       30.       20.                  0.0       14.0
10 03 75 1145              .3       25154            35400.      180.       40.       10.                  0.0       13.0       1.0
14 04 75 1205              .3       25176            29200.      710.       24.        4.                  0.0       15.0
12 05 75 1120              .3       25198            73900.      320.        8.       16.                 14.0       13.0       1.2
16 06 75 1105              .3       25220            48800.     2600.       24.       32.                 22.0       10.0
14 07 75 1115              .3       25242            19900.       10.       40.        8.                 25.0       10.0       1.0
11 08 75 1045              .3       25264            17300.      300.        4.        8.                 25.0        9.0
08 09 75 1045              .3       25286            15000.      100.       40.        4.                 17.0        9.0       2.8
06 10 75 1050              .3       25308            15200.      140.       68.        1.                 13.0        9.0
10 11 75 1115              .3       25330            21900.      140.        1.        1.                 10.0        9.0       1.6
08 12 75 1150              .3       25352            24300.      450.       40.      120.                  0.0        9.0


                      MAXIMUM                        73900.     2600.       68.      120.                 25.0       15.0       2.8
           AVG OR GEOM MN (*)                        31842.     227.*      19.*       9.*                 10.5       10.5       1.4
                      MINIMUM                        15000.       10.        1.        1.                  0.0        6.0       1.0

                NO OF SAMPLES                            12        12        12        12                   12         12         6



                                        33         34        19        20        21        22        16        14        56        55
SAMP DTE HOUR  STN  STN SAMP  PJ     TOTAL   FILTERED  FILTERED     TOTAL   NITRITE   NITRATE     TURB.     COND.  CHLORIDE        PH
DY MO YR LMT   DIST BRG DEPTH            P   REACTIVE   AMMONIA  KJELDAHL     NO2-N     NO3-N  FORMAZIN       25C      MG/L    AT LAB
               FEET      MTRS         MG/L     P MG/L      MG/L      MG/L      MG/L      MG/L     UNITS     UMHOS

14 01 75 1105              .3        0.020      0.004      0.05      0.42     0.005     0.120      3.00       100        2.
10 02 75 1210              .3
10 03 75 1145              .3        0.011      0.005      0.08      0.39     0.004     0.200      4.10        97        2.
14 04 75 1205              .3
12 05 75 1120              .3        0.020      0.003      0.03      0.35     0.004    0.070L      4.50       123        2.
16 06 75 1105              .3
14 07 75 1115              .3        0.032      0.015      0.01      0.40     0.003    0.010L      6.70       125        2.
11 08 75 1045              .3
08 09 75 1045              .3        0.043      0.005    0.01 L      0.45     0.003    0.010L      4.80       145        3.
06 10 75 1050              .3
10 11 75 1115              .3        0.028      0.003    0.01 L      0.38     0.005     0.250      2.50       100        2.
08 12 75 1150              .3


                      MAXIMUM        0.043      0.015      0.08      0.45     0.005     0.250      6.70       145        3.
           AVG OR GEOM MN (*)        0.026      0.006    0.03 D      0.40     0.004    0.110D      4.27       115        2.
                      MINIMUM        0.011      0.003      0.01      0.35     0.003     0.010      2.50        97        2.

                NO OF SAMPLES            6          6         6         6         6         6         6         6         6
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SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: OTTAWA RIVER
SAMPLE POINT: AT CHENAUX DAM, PORTAGE-DU-FORT
STATION TYPE: RIVER

STATION ID: 18-0000-240-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER

STORET CODE: 02
006

STN NO 240 LAT LONG U.T.M. 18 0369400.0 5049999.0 4 REGION 04 MILEAGE 188.60

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
22 01 75	1155			.3		24010	6		30.	12.	4.		1.3	13.4	0.8
26 02 75	1155			.3		24031	6		28.	1.	1.		1.8	12.6	0.9
26 03 75	1020			.3		24062	6						0.1	11.6	0.2
22 05 75	1050			.3		24818	6 9		100.	4.	1.			5.5	0.8
12 06 75	1115			.3		24966	5		60.	10. L	10.				0.2
30 07 75	1050			.3		24853	5		120.	56.	4.				0.8
27 08 75	1055			.3		24900	5		1710.	410.	60.		16.2		0.6
24 09 75	1035			.3		24547	5		70.	10.	20.		14.0	9.7	0.8
MAXIMUM									1710.	410.	60.		16.2	13.4	0.9
AVG OR GEOM MN (*)									95.*	14.* D	6.*		6.7	10.6	0.6
MINIMUM									28.	1.	1.		0.1	5.5	0.2
NO OF SAMPLES									7	7	7		5	5	8

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
22 01 75	1155			.3		0.020	0.005	0.11	0.73	0.006	0.150	4.20	85	2.	
26 02 75	1155			.3		0.016	0.005	0.10	0.40	0.005	0.220	6.60	72	2.	
26 03 75	1020			.3		0.021	0.019	0.10	0.40	0.005	0.220	5.00	570	2.	
22 05 75	1050			.3		0.013	0.008	0.09	0.44	0.004	0.120	2.00	180	2.	
12 06 75	1115			.3		0.014	0.008	0.05	0.47	0.004	0.200	1.50	70	1.	
30 07 75	1050			.3		0.010	0.002	0.01	0.28	0.005	0.120	1.20	64	2.	
27 08 75	1055			.3		0.030	0.008	0.01	0.54	0.009	0.010	1.60	175	7.	
24 09 75	1035			.3		0.010	0.002	0.01 L	0.30	0.005	0.280	1.90	65	1.	
MAXIMUM						0.030	0.019	0.11	0.73	0.009	0.280	6.60	570	7.	
AVG OR GEOM MN (*)						0.017	0.007	0.06 D	0.45	0.005	0.165	3.00	160	2.	
MINIMUM						0.010	0.002	0.01	0.28	0.004	0.010	1.20	64	1.	
NO OF SAMPLES						8	8	8	8	8	8	8	8	8	

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SAMPLE INFORMATION SYSTEM       STATION SUMMARY REPORT - RIVER BASINS                     DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: OTTAWA RIVER                                         FLOW GAUGE 02KA002        STATION ID:  18-0000-300-02
 SAMPLE POINT: AT DES JOACHIMS DAM
 STATION TYPE: RIVER                                         MAJOR BASIN: GREAT LAKES                       STORET CODE: 02
                                                             MINOR BASIN: OTTAWA RIVER                                   006

STN NO   300      LAT                  LONG                  U.T.M. 18 0291800.0 5117700.0 4     REGION 04            MILEAGE  282.00

                                          934        901      444        80        81        84        88       805        3          1
SAMP DTE HOUR   STN  STN SAMP  PJ        SAMPLE        SCD  FLOW CFS    TOTAL     FECAL      M.F.    PSEUD.    WATER      DISS.     5-DAY
DY MO YR LMT    DIST BRG DEPTH               NO                      COLIFORM  COLIFORM    ENTER.       MPA    TEMP.         O2       BOD
                FEET       MTRS                                      MF/100ML  MF/100ML  MF/100ML  MF/100ML    DEG C       MG/L      MG/L

                                                                                                                                     0.4
26 03 75 1530              .3         24065            25600.                                                                       0.6
12 06 75 1500              .3         24969     5      47600.                                                                       0.8
30 07 75 1425              .3         24856     5      14700.     530.      10.  L    10.  L                                        0.4
27 08 75 1425              .3         24903     5      13600.                                                                       0.6
24 09 75 1425              .3         24550     5      11200.      10.      10.  L    10.  L               16.0        7.9


                     MAXIMUM                           47600.     530.      10.       10.                  16.0        7.9         0.8
            AVG OR GEOM MN (*)                         22540.      73.*     10.* D    10.* D               16.0        7.9         0.6
                     MINIMUM                           11200.      10.      10.       10.                  16.0        7.9         0.4

                NO OF SAMPLES                               5         2         2         2                   1          1           5




                                         33        34         19         20        21         22        16         14       56          55
SAMP DTE HOUR   STN  STN SAMP  PJ     TOTAL   FILTERED   FILTERED      TOTAL   NITRITE    NITRATE      TURB.      COND.  CHLORIDE          PH
DY MO YR LMT    DIST BRG DEPTH            P   REACTIVE   AMMONIA   KJELDAHL     NO2-N      NO3-N   FORMAZIN      25C      MG/L      AT LAB
                FEET       MTRS        MG/L     P MG/L      MG/L       MG/L      MG/L       MG/L     UNITS      UMHOS

26 03 75 1530              .3         0.021     0.005      0.15       0.48     0.004      0.180      4.80        75       1.
12 06 75 1500              .3         0.008     0.003      0.16       0.38     0.013      0.190      1.70        58       9.
30 07 75 1425              .3         0.009     0.002      0.13       0.38     0.005      0.110      1.00        63       1.
27 08 75 1425              .3         0.010     0.002      0.01       0.36     0.010      0.460      1.10        65       1.
24 09 75 1425              .3         0.009     0.005      0.01 L     0.30     0.004      0.540      1.20        70


                     MAXIMUM          0.021     0.005      0.16       0.48     0.013      0.540      4.80        75       9.
            AVG OR GEOM MN (*)        0.011     0.003      0.09 D     0.38     0.007      0.296      1.96        66       3.
                     MINIMUM          0.008     0.002      0.01       0.30     0.004      0.110      1.00        58       1.

                NO OF SAMPLES             5         5          5          5         5          5         5         5        4
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SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: OTTAWA RIVER
SAMPLE POINT: AT OTTO HOLDEN DAM 6 MILES NORTH OF MATTAWA
STATION TYPE: RIVER

STATION ID: 18-0000-360-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER

STORET CODE: 02 006

STN NO 360 LAT LONG U.T.M. 17 0674750.0 5138400.0 4 REGION 05 MILEAGE 340.90

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
07 01 75 1255			.3		29517	6	24900.	20.	10. L	10. L		3.0	11.5	0.8
05 02 75 1120			.3		29552	6	26500.	10.	10. L	10. L		0.0	11.5	1.2
13 04 75 1205			.3		29578	6	13900.	8.	1.	1.		3.0	11.5	1.8
27 04 75 0215			.3		29598	6	34600.	1.	1.	1.		4.0	11.5	2.2
19 05 75 1735			.3		29628	6	12700.	16.	1.	1.		9.0	11.0	1.0
15 06 75 1450			.3		29656	6	31800.	140.	4.	1.		15.0	9.0	0.6
06 07 75 0600			.3		29682	6	20000.	200.	10. L	10. L		20.0	8.0	1.0
04 08 75 0345			.3		29720	6	12400.	50.	12.	1.		22.0	5.0	0.6
21 09 75 1600			.3		29763	6	9600.	50.	10. L	10. L		18.0	6.5	0.6
22 10 75 1315			.3		29776	6	15900.	120.	10. L	10. L		14.0		0.8
13 11 75 1145			.3		29802	6	14300.	50.	1.	4.		11.0		1.4
17 12 75 1530			.3		29829	6	22600.					3.0		1.2
MAXIMUM							34600.	200.	12.	10.		22.0	11.5	2.2
AVG OR GEOM MN (*)							19933.	29.*	4.* D	3.* D		10.2	9.5	1.1
MINIMUM							9600.	1.	1.	1.		0.0	5.0	0.6
NO OF SAMPLES							12	11	11	11		12	9	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
07 01 75 1255			.3		0.007	0.007	0.06	0.26	0.005	0.130	1.00	68	1.	
05 02 75 1120			.3		0.014	0.006	0.15	0.43	0.005	0.210	6.30	70	1.	
13 04 75 1205			.3		0.012	0.006	0.31	0.54	0.004	0.060	6.80	62	2.	7.0
27 04 75 0215			.3		0.014	0.002	0.29	0.65	0.004	0.070	3.50	64	2.	
19 05 75 1735			.3		0.012	0.004	0.13	0.39	0.004	0.090	3.10	43	1.	6.8
15 06 75 1450			.3		0.013	0.004	0.09	0.37	0.003	0.160	4.00	58	1.	7.2
06 07 75 0600			.3		0.022	0.002	0.20	0.61	0.005	0.160	3.00	68	1.	
04 08 75 0345			.3		0.008	0.002	0.42	0.73	0.006	0.130	1.50	73	2.	
21 09 75 1600			.3		0.016	0.013	0.09	0.38	0.005	0.180	2.50	75	1.	
22 10 75 1315			.3		0.032	0.002	0.36	0.70	0.005	0.150	2.10	72	1.	
13 11 75 1145			.3		0.029	0.003	0.40	0.80	0.005	0.190	3.70	70	1.	
17 12 75 1530			.3		0.013	0.003	0.22	0.48	0.005	0.130	4.60	68	2.	
MAXIMUM					0.032	0.013	0.62	0.80	0.006	0.210	6.80	75	2.	7.2
AVG OR GEOM MN (*)					0.016	0.005	0.23	0.53	0.005	0.138	3.51	66	1.	7.0
MINIMUM					0.007	0.002	0.06	0.26	0.003	0.060	1.00	43	1.	6.8
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	3

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
05 02 75 1120			.3		29552									
13 04 75 1205			.3		29578	3.	13	25		0.55	40			
19 05 75 1735			.3		29628	5.	12	22		0.35	45			
15 06 75 1450			.3		29656	3.	15	25		0.60	30			
MAXIMUM						5.	15	25		0.60	45			
AVG OR GEOM MN (*)						3.	13	24		0.50	38			
MINIMUM						3.	12	22		0.35	30			
NO OF SAMPLES						3	3	3		3	3			

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
05 02 75 1120			.3			70.	15. L	55						
13 04 75 1205			.3			43.	3.		40					
19 05 75 1735			.3			30.	2.		28					
15 06 75 1450			.3			43.	4.		39					
MAXIMUM						70.	15.	55	40					
AVG OR GEOM MN (*)						46.	6. D	55	36					
MINIMUM						30.	2.	55	28					
NO OF SAMPLES						4	4	1	3					

SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

B.O.W./ SITE: OTTAWA RIVER   FLOW GAUGE 02JE003   STATION ID: 18-0000-380-02
SAMPLE POINT: DAM AT TEMISCAMING, ONTARIO SIDE
STATION TYPE: RIVER   MAJOR BASIN: GREAT LAKES   STORET CODE: 02 006
MINOR BASIN: OTTAWA RIVER

STN NO 380   LAT   LONG   U.T.M. 17 0645025.0 5174300.0 4   REGION 05   MILEAGE 372.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
10 01 75 0830			.3		32950							2.0		0.6
06 02 75 1100			.3		32951							1.0		0.4
07 03 75 1400			.3		32952							1.0		0.6
08 04 75			.3		32953									0.4
07 05 75			.3		32954									0.6
02 06 75 1000			.3		32955									0.2
03 07 75 1400			.3		32956									0.4
01 08 75 1000			.3		32957									0.2
02 09 75 1200			.3		32958									1.0
01 10 75 1100			.3		32959									0.4
04 11 75 1000			.3		32960									1.0
04 12 75 1400			.3		32961									0.4
MAXIMUM												2.0		1.0
AVG OR GEOM MN (*)												1.3		0.5
MINIMUM												1.0		0.2
NO OF SAMPLES												3		12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
10 01 75 0830			.3		0.021	0.013	0.01	0.29	0.005	0.250	5.70	68	1.	5.8
06 02 75 1100			.3		0.016	0.013	0.02	0.25	0.005	0.240	7.20	67	1.	6.9
07 03 75 1400			.3		0.011	0.006	0.01	0.24	0.003	0.180	5.60	62	1.	7.3
08 04 75			.3		0.022	0.007	0.01	0.32	0.004	0.140	4.60	62	1.	7.3
07 05 75			.3		0.011	0.004	0.01 L	0.23	0.004	0.100	3.60	62	1.	7.2
02 06 75 1000			.3		0.015	0.006	0.01	0.22	0.003	0.200	4.20	59	1.	6.9
03 07 75 1400			.3		0.014	0.007	0.04	0.24	0.004	0.120	3.40	64	1.	7.5
01 08 75 1000			.3		0.012	0.005	0.03	0.28	0.003	0.130	1.80	76	1.	7.2
02 09 75 1200			.3		0.006	0.003	0.01	0.26	0.003	0.140	1.60	70	2.	7.3
01 10 75 1100			.3		0.011	0.005	0.01	0.24	0.002	0.210	2.30	80	25.	7.9
04 11 75 1000			.3		0.011	0.008	0.03	0.23	0.004	0.180	3.80	68	1.	7.9
04 12 75 1400			.3		0.055	0.006	0.01	0.82	0.004	0.210	4.80	90	1.	7.1
MAXIMUM					0.055	0.013	0.04	0.82	0.005	0.250	7.20	90	25.	7.9
AVG OR GEOM MN (*)					0.017	0.007	0.02 D	0.30	0.004	0.175	4.05	69	3.	7.2
MINIMUM					0.006	0.003	0.01	0.22	0.002	0.100	1.60	59	1.	5.8
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
10 01 75 0830			.3		32950	3.	18	28		0.55	40	1.0L		
06 02 75 1100			.3		32951	2.	17	27		0.65	40	1.0L		
07 03 75 1400			.3		32952	3.	16	26		0.55	40	1.0L		
08 04 75			.3		32953	3.	16	26		0.55	70	1.0L		
07 05 75			.3		32954	3.	13	24		0.40	30			
02 06 75 1000			.3		32955	3.	16	26		0.40	40	1.0L		
03 07 75 1400			.3		32956	2.	20	29		0.35	30	1.0L		
01 08 75 1000			.3		32957	4.	21		30.	0.20	30	1.0		
02 09 75 1200			.3		32958	4.	20		31.	0.25	20	1. L		
01 10 75 1100			.3		32959	2.	20		31.	0.34	20	1.0L		
04 11 75 1000			.3		32960	3.	19		29.	0.30	30	1.0L		
04 12 75 1400			.3		32961	3.	20		224.	0.40	20	1.0L		
MAXIMUM						4.	21	29	224.	0.65	70	1.0		
AVG OR GEOM MN (*)						2.	18	27	69.	0.41	34	1.0D		
MINIMUM						2.	13	24	29.	0.20	20	1.0		
NO OF SAMPLES						12	12	7	5	12	12	11		

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 B.O.W./ SITE: OTTAWA RIVER                                          FLOW GAUGE 02JE003         STATION ID:  18-0000-380-02
 SAMPLE POINT: DAM AT TEMISCAMING, ONTARIO SIDE
 STATION TYPE: RIVER                                    MAJOR BASIN: GREAT LAKES                               STORET CODE: 02
                                                        MINOR BASIN: OTTAWA RIVER                                            006

STN NO   380      LAT               LONG                 U.T.M. 17 0645025.0 5174300.0 4     REGION 05             MILEAGE  372.40

                                      59         5         6         7        107       67        66        45        47        41
SAMP DTE HOUR  STN  STN SAMP  PJ  SULPHATE     TOTAL     SUSP.     DISS.     DISS.   PTSSIUM    SODIUM     TOT C   ORGANIC       COD
DY MO YR LMT   DIST BRG DEPTH                 SOLIDS    SOLIDS    SOLIDS    SOLIDS         K        NA      AS C    C AS C
               FEET      MTRS         MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

10 01 75 0830              .3                  60.       15. L                 45
06 02 75 1100              .3                  59.       15. L                 44
07 03 75 1400              .3                             4.                   40
08 04 75                   .3                  60.        1.         59
07 05 75                   .3                  41.        2.                   39
02 06 75 1000              .3                  45.        6.                   41
03 07 75 1400              .3                  44.        2.                   42
01 08 75 1000              .3                  50.        1.         49
02 09 75 1200              .3                  47.        3.         44
01 10 75 1100              .3                  53.        1.         52
04 11 75 1000              .3                  34.        1.         33
04 12 75 1400              .3                  61.        2.         59


                      MAXIMUM                  61.       15.         59        45
           AVG OR GEOM MN (*)                  50.        4. D       49        42
                      MINIMUM                  34.        1.         33        39

                NO OF SAMPLES                    11        12         6         6




                                     934       203       265        64        72       221       225       272       215       229
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE     TOTAL     TOTAL               TOTAL     TOTAL     TOTAL    SIMPLE     TOTAL     TOTAL
DY MO YR LMT   DIST BRG DEPTH           NO  ALUMINUM   ARSENIC   CALCIUM   CALCIUM  CHROMIUM    COPPER   CYANIDE   CADMIUM      LEAD
               FEET      MTRS                   MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

10 01 75 0830              .3       32950               0.01 L                        0.05 L               0.01L              0.03 L
06 02 75 1100              .3       32951               0.01 L                        0.04 L                                  0.03
07 03 75 1400              .3       32952               0.01 L                        0.02 L               0.01L              0.01 L
08 04 75                   .3       32953               0.00 L                        0.03 L               0.01L              0.01 L
07 05 75                   .3       32954               0.00 L                       15.                   0.01L              0.04 L
02 06 75 1000              .3       32955               0.00 L                        0.04 L               0.01L              0.01 L
03 07 75 1400              .3       32956               0.01 L                        0.02 L               0.01L              0.01 L
01 08 75 1000              .3       32957               0.01 L                        0.04 L               0.01L              0.01 L
02 09 75 1200              .3       32958               0.01                          0.03 L               0.01L              0.01 L
01 10 75 1100              .3       32959               0.01 L                        0.03 L               0.01L              0.01 L
04 11 75 1000              .3       32960               0.00 L                        0.020L               0.01L              0.01 L
04 12 75 1400              .3       32961                                             0.02 L               0.01L              0.01 L


                      MAXIMUM                           0.01                         15.                   0.01               0.04
           AVG OR GEOM MN (*)                           0.01 D                        1.278D               0.01D              0.02 D
                      MINIMUM                           0.00                          0.02                 0.01               0.01

                NO OF SAMPLES                             11                          12                    11                 12
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SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

B.O.W./ SITE: KEMPTVILLE CREEK   STATION ID: 18-0033-003-02
SAMPLE POINT: HIGHWAY 43, KEMPTVILLE
STATION TYPE: RIVER   MAJOR BASIN: GREAT LAKES   STORET CODE: 02
MINOR BASIN: OTTAWA RIVER   006
TERM STREAM: RIDEAU RIVER   1710

STN NO 3   LAT   LONG   U.T.M. 18 0449450.0 4986950.0 4   REGION 04   MILEAGE 34.90

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
14 01 75 0820			.3		26100	4	387.	700.	20.	200.		0.0	9.0	1.6
03 02 75 1000			.3		26120	4	103.	15000. G	1100.	760.		0.0	8.0	1.4
10 03 75 0935			.3		26140	4	120.	13700.	370.	540.		0.0	6.0	1.4
01 04 75 0735			.3		26160	6	815.	200.	60.	10.		0.0	8.0	0.6
30 04 75 0845			.3		26180	6 3	376.	540.	148.	52.		11.0	9.0	1.0
09 06 75 0755			.3		26200	5 8	15.1	370.	64.	32.		17.0	7.0	5.2
14 07 75 0835			.3		26220	5 7	2.2	50.	10. L	10. L		23.0	6.0	2.4
05 08 75 0810			.3		26240	5 7	1.5	170.	1.	4.		25.0	5.0	2.2
02 09 75 0800			.3		26260	7 6	1.1	4600.	170.	10. L		18.0	3.0	3.4
07 10 75 0745			.3		26280	6 7	28.1	20700.	1260.	1100.		10.0	7.0	2.2
03 11 75 0800			.3		26300	6	61.2	14100E+1	8700.	500.		9.0	10.0	1.8
01 12 75 0830			.3		26320	6	146.	5700.	910.	780.		2.0	11.0	1.2
MAXIMUM							815.	14100E+1	8700.	1100.		25.0	11.0	5.2
AVG OR GEOM MN (*)							171.4	1985.* U	144.* D	89.* D		9.6	7.4	2.0
MINIMUM							1.1	50.	1.	4.		0.0	3.0	0.6
NO OF SAMPLES							12	12	12	12		12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
14 01 75 0820			.3		0.039	0.012	0.04	0.73	0.008	0.210	1.50	250	13.	
03 02 75 1000			.3		0.048	0.025	0.11	1.00	0.010	0.190	1.40	433	10.	
10 03 75 0935			.3		0.050	0.029	0.14	0.76	0.008	0.070	1.70	385	8.	
01 04 75 0735			.3		0.018	0.005	0.01	0.52	0.004	0.070	1.30	265	5.	
30 04 75 0845			.3		0.021	0.004	0.01	0.49	0.005	0.040	0.85	175	4.	
09 06 75 0755			.3		0.190	0.120	0.50	2.00	0.028	0.370	3.10	390	15.	
14 07 75 0835			.3		0.130	0.038	0.11	1.20	0.005	0.010L	3.30	365	22.	
05 08 75 0810			.3		0.163	0.075	0.26	1.40	0.004	0.010L	2.00	410	25.	
02 09 75 0800			.3		0.440	0.350	1.00	2.40	0.004	0.010L	2.50	510	38.	
07 10 75 0745			.3		0.100	0.054	0.26	1.10	0.110	0.530	1.50	490	21.	
03 11 75 0800			.3		0.035	0.027	0.08	1.20	0.010	0.210	1.20	445	12.	
01 12 75 0830			.3		0.030	0.006	0.04	0.82	0.007	0.310	2.40	400	17.	
MAXIMUM					0.440	0.350	1.00	2.40	0.110	0.530	3.30	510	38.	
AVG OR GEOM MN (*)					0.105	0.062	0.21	1.14	0.017	0.169D	1.90	377	15.	
MINIMUM					0.018	0.004	0.01	0.49	0.004	0.010	0.85	175	4.	
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	

SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

B.O.W./ SITE: RIDEAU RIVER
SAMPLE POINT: AT OLD SLY LOCKS, SMITH FALLS
STATION TYPE: RIVER

STATION ID: 18-0033-005-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: RIDEAU RIVER

STORET CODE: 02
006
1710

STN NO 5   LAT   LONG   U.T.M. 18 0420575.0 4971200.0 4   REGION 04   MILEAGE 60.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
14 01 75 1405			.3		26111	6	403.	220.	76.	8.		0.0	11.0	1.8
03 02 75 1300			.3		26131	6	492.	100.	24.	4.		0.0	13.0	1.2
10 03 75 1415			.3		26151	6	766.	56.	96.	20.		0.0	11.0	1.0
01 04 75 1200			.3		26171	6	328.	110.	24.	4.		0.0	9.0	0.6
30 04 75 1500			.3		26191	6 3	1490.	30.	1.	8.		11.0	10.0	2.1
09 06 75 1440			.3		26211	6	266.	996.	124.	4.		19.0	9.0	1.0
14 07 75 1435			.3		26231	6	336.	100.	16.	1.		25.0	9.0	0.8
05 08 75 1435			.3		26251	6	298.	130.	20.	1.		27.0	8.0	1.0
02 09 75 1505			.3		26271	6		1200.	32.	4.		19.0	8.0	0.6
07 10 75 1500			.3		26291	6	226.	400.	92.	8.		13.0	9.0	0.8
03 11 75 1400			.3		26311	6	223.	800.	16.	12.		10.0	12.0	1.4
01 12 75 1445			.3		26331	6	213.	2600.	280.	90.		2.0	12.0	1.4
MAXIMUM							1490.	2600.	280.	90.		27.0	13.0	2.1
AVG OR GEOM MN (*)							458.	247.*	34.*	6.*		10.5	10.1	1.1
MINIMUM							213.	30.	1.	1.		0.0	8.0	0.6
NO OF SAMPLES							11	12	12	12		12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
14 01 75 1405			.3		0.039	0.010	0.10	0.75	0.003	0.090	1.10	270	7.	
03 02 75 1300			.3		0.033	0.017	0.13	0.58	0.003	0.060	1.30	260	6.	
10 03 75 1415			.3		0.031	0.011	0.11	0.54	0.003	0.070	1.40	250	1.	
01 04 75 1200			.3		0.027	0.011	0.06	0.57	0.005	0.090	1.40	249	7.	
30 04 75 1500			.3		0.026	0.001	0.01	0.53	0.003	0.010L	1.10	180	4.	
09 06 75 1440			.3		0.094	0.031	0.03	1.10	0.004	0.020	2.30	190	4.	
14 07 75 1435			.3		0.038	0.008	0.01	0.58	0.004	0.010L	1.80	180	4.	
05 08 75 1435			.3		0.040	0.015	0.04	0.50	0.003	0.010	1.10	180	4.	
02 09 75 1505			.3		0.021	0.004	0.01 L	2.30	0.003	0.010L	1.00	185	3.	
07 10 75 1500			.3		0.019	0.002	0.01 L	0.48	0.003	0.010L	0.90	205	6.	
03 11 75 1400			.3		0.022	0.005	0.01	0.56	0.004	0.010	1.50	225	7.	
01 12 75 1445			.3		0.059	0.002	0.04	0.79	0.004	0.050	3.60	250	8.	
MAXIMUM					0.094	0.031	0.13	2.30	0.005	0.090	3.60	270	8.	
AVG OR GEOM MN (*)					0.037	0.010	0.05 D	0.77	0.004	0.037D	1.54	219	5.	
MINIMUM					0.019	0.001	0.01	0.48	0.003	0.010	0.90	180	1.	
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	

SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

STATION ID: 18-0033-007-02

B.O.W./ SITE: RIDEAU RIVER
SAMPLE POINT: NARROWS LOCK BRIDGE, 4 MILES NORTH OF CROSBY
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: RIDEAU RIVER

STORET CODE: 02
006
1710

STN NO 7 LAT LONG U.T.M. 18 0397300.0 4950500.0 4 REGION 04 MILEAGE 82.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L
13 01 75 1330			.3		26118	6		1.	1.	1.		0.0	12.0	2.0
05 02 75 1445			.3		26138	6		1.	1.	1.		0.0	13.0	0.8
11 03 75 1315			.3		26158	6		1.	1.	1.		0.0	12.0	1.8
02 04 75 1115			.3		26178	6		10. L	1.	84.		0.0	13.0	0.4
29 04 75 1335			.3		26198	6 3		1.	1.	1.		8.0	12.0	1.4
10 06 75 1220			.3		26218	6		272.	1.	1.		20.0	8.0	0.8
15 07 75 1445			.3		26238	5		48.	4.			24.0	9.0	1.0
06 08 75 1310			.3		26258	6		350.	4.	12.		21.0	8.0	0.8
09 09 75 1300			.3		26278	6		28.	12.	4.		17.0	9.0	3.4
06 10 75 1200			.3		26298	6		92.	4.	12.		13.0	8.0	3.0
04 11 75 1300			.3		26318	6		16.	1.	1.		10.0	10.0	1.4
02 12 75 1330			.3		26338	6		36.	1.	1.		3.0	11.0	1.2
MAXIMUM								350.	12.	84.		24.0	13.0	3.4
AVG OR GEOM MN (*)								14.* D	2.*	3.*		9.7	10.4	1.5
MINIMUM								1.	1.	1.		0.0	8.0	0.4
NO OF SAMPLES								12	12	11		12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
13 01 75 1330			.3		0.027	0.006	0.09	0.60	0.003	0.030	1.00	220	6.	
05 02 75 1445			.3		0.030	0.010	0.08	0.74	0.003	0.100	1.00	230	6.	
11 03 75 1315			.3		0.013	0.003	0.01	0.42	0.001	0.200	1.00	225	6.	
02 04 75 1115			.3		0.020	0.002	0.06	0.45	0.011	0.430	1.40	109	2.	
29 04 75 1335			.3		0.025	0.001	0.01 L	0.36	0.002	0.090	1.50	215	6.	
10 06 75 1220			.3		0.020	0.001	0.02	0.42	0.002	0.010L	0.80	210	6.	
15 07 75 1445			.3		0.016	0.002	0.01 L	0.45	0.001L	0.010L	1.00	205	7.	
06 08 75 1310			.3		0.019	0.009	0.07	0.45	0.003	0.020	1.20	215	6.	
09 09 75 1300			.3		0.032	0.001	0.01 L	0.76	0.002	0.010L	4.90	210	6.	
06 10 75 1200			.3		0.053	0.001	0.01 L	0.81	0.003	0.010L	3.60	225	6.	
04 11 75 1300			.3		0.042	0.001	0.07	0.66	0.008	0.050	2.20	210	6.	
02 12 75 1330			.3		0.037	0.002	0.05	0.61	0.017	0.080	1.60	220	6.	
MAXIMUM					0.053	0.010	0.09	0.81	0.017	0.430	4.90	230	7.	
AVG OR GEOM MN (*)					0.028	0.003	0.04 D	0.56	0.005D	0.087D	1.77	208	5.	
MINIMUM					0.013	0.001	0.01	0.36	0.001	0.010	0.80	109	2.	
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	

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SAMPLE INFORMATION SYSTEM        STATION SUMMARY REPORT - RIVER BASINS                     DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: TAY RIVER                                                                    STATION ID:  18-0033-008-02
 SAMPLE POINT: 1 MILE DOWNSTREAM FROM PERTH LAGOONS
 STATION TYPE: RIVER                                  MAJOR BASIN: GREAT LAKES                                STORET CODE: 02
                                                      MINOR BASIN: OTTAWA RIVER                                            006
                                                      TERM STREAM: RIDEAU RIVER                                            1710

STN NO      8       LAT              LONG             U.T.M. 18 0405400.0 4971550.0 4      REGION 04            MILEAGE   70.90


                                        934       901       444        80         81         84         88        805         3          1
SAMP DTE HOUR  STN  STN SAMP  PJ      SAMPLE       SCD  FLOW CFS     TOTAL      FECAL       M.F.     PSEUD.     WATER      DISS.      5-DAY
DY MO YR LMT   DIST BRG DEPTH             NO                      COLIFORM   COLIFORM     ENTER.        MPA     TEMP.         O2        BOD
               FEET       MTRS                                   MF/100ML   MF/100ML   MF/100ML   MF/100ML     DEG C       MG/L       MG/L

13 01 75 1030               .3         26113    4                  54000.     1350.      600.  G               0.0       12.0        4.8
05 02 75 1035               .3         26133    4                  11300.      700.      600.                  0.0       12.0        0.6
11 03 75 0940               .3         26153    4                   5000.      640.      910.                  0.0       13.0        1.8
02 04 75 0850               .3         26173    6                  11000.      480.      480.                  0.0       12.0        1.2
29 04 75 0855               .3         26193    6 3                  110.       10.  L    10.  L               8.0       10.0        1.4
10 06 75 0830               .3         26213    6 8                  310.       30.       50.                 19.0        8.0        1.0
15 07 75 1005               .3         26233    7 5                  630.       28.        4.                 23.0        8.0        0.6
06 08 75 0900               .3         26253  . 7 6                  410.       20.       10.  L              22.0        5.0        0.8
09 09 75 0910               .3         26273    7 6                  310.       52.       44.                 16.0        7.0        1.2
06 10 75 0815               .3         26293    6                   2000.      260.        8.                 13.0        7.0        1.0
04 11 75 0900               .3         26313    6                    900.      308.       16.                 10.0        9.0        1.0
02 12 75 0935               .3         26333    6 4                 5900.      330.      460.                  0.0       12.0        0.6


                       MAXIMUM                                     54000.     1350.      910.                 23.0       13.0        4.8
          AVG OR GEOM MN (*)                                        1774.*     142.* D    67.* E               9.3        9.6        1.3
                       MINIMUM                                       110.       10.        4.                  0.0        5.0        0.6

                NO OF SAMPLES                                          12         12         12                 12         12         12




                                         33        34        19        20         21         22         16         14         56         55
SAMP DTE HOUR  STN  STN SAMP  PJ       TOTAL  FILTERED  FILTERED     TOTAL    NITRITE    NITRATE      TURB.      COND.   CHLORIDE         PH
DY MO YR LMT   DIST BRG DEPTH              P  REACTIVE   AMMONIA  KJELDAHL     NO2-N      NO3-N   FORMAZIN        25C       MG/L     AT LAB
               FEET       MTRS          MG/L    P MG/L      MG/L      MG/L      MG/L       MG/L      UNITS      UMHOS

13 01 75 1030               .3         0.270     0.110     0.40      1.50      0.008      0.150      4.60        250        13.
05 02 75 1035               .3         0.062     0.039     0.19      0.56      0.005      0.050      1.50        202         5.
11 03 75 0940               .3         0.075     0.047     0.30      0.87      0.003      0.070      1.40        230         9.
02 04 75 0850               .3         0.170     0.046     0.22      1.20      0.007      0.060      4.80        210         8.
29 04 75 0855               .3         0.031     0.004     0.01 L    0.45      0.002      0.010L     0.80        170         7.
10 06 75 0830               .3         0.120     0.034     0.04      1.00      0.004      0.020      0.90        210         7.
15 07 75 1005               .3         0.051     0.028     0.01      0.42      0.001      0.010L     1.10        165         4.
06 08 75 0900               .3         0.058     0.032     0.02      0.44      0.002      0.010L     1.60        155         4.
09 09 75 0910               .3         0.036     0.023     0.02      0.47      0.003      0.010L     0.90        155         3.
06 10 75 0815               .3         0.044     0.020     0.04      0.47      0.009      0.020      1.20        170         4.
04 11 75 0900               .3         0.052     0.023     0.04      0.66      0.004      0.010      1.60        200         6.
02 12 75 0935               .3         0.110     0.063     0.18      0.92      0.008      0.150      3.80        280        13.


                       MAXIMUM         0.270     0.110     0.40      1.50      0.009      0.150      4.80        280        13.
          AVG OR GEOM MN (*)           0.090     0.039     0.12 D    0.75      0.005      0.048D     2.02        200         6.
                       MINIMUM         0.031     0.004     0.01      0.42      0.001      0.010      0.80        155         3.

                NO OF SAMPLES             12        12        12        12         12         12         12         12         12
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SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: TAY RIVER
SAMPLE POINT: AT MARKET STREET PERTH
STATION TYPE: RIVER

STATION ID: 18-0033-009-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: RIDEAU RIVER

STORET CODE: 02
006
1710

STN NO 9 LAT LONG U.T.M. 18 0400950.0 4971900.0 4 REGION 04 MILEAGE 74.90

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
13 01 75 1100			.3		26114	4		1000.	72.	276.		0.0	11.0	2.6
05 02 75 1145			.3		26134	4		30.	4.	4.		0.0	13.0	0.4
11 03 75 1035			.3		26154	4		30.	1.	8.		0.0	11.0	2.2
02 04 75 0800			.3		26174	6		30.	4.	20.		0.0	10.0	0.2
29 04 75 1015			.3		26194	6 3		10. L	1.	4.		8.0	10.0	0.6
10 06 75 0950			.3		26214	6 8		140.	56.	44.		19.0	7.0	0.8
15 07 75 1100			.3		26234	8		292.	36.	16.		24.0	7.0	0.6
06 08 75 0930			.3		26254	8 6		70.	70.	4.		23.0	6.0	1.0
09 09 75 0935			.3		26274	8 6		100.	44.	20.		16.0	7.0	1.2
06 10 75 0835			.3		26294	6		110.	8.	8.		13.0	8.0	0.8
04 11 75 0915			.3		26314	6		220.	12.	24.		10.0	9.0	0.8
02 12 75 1000			.3		26334	6		1300.	320.	512.		1.0	11.0	1.4
MAXIMUM								1300.	320.	512.		24.0	13.0	2.6
AVG OR GEOM MN (*)								108.* D	16.*	20.*		9.5	9.2	1.1
MINIMUM								10.	1.	4.		0.0	6.0	0.2
NO OF SAMPLES								12	12	12		12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
13 01 75 1100			.3		0.025	0.008	0.06	0.93	0.007	0.080	1.60	230	9.	
05 02 75 1145			.3		0.015	0.008	0.05	0.45	0.005	0.040	1.00	185	3.	
11 03 75 1035			.3		0.023	0.008	0.09	0.89	0.003	0.050	1.30	200	5.	
02 04 75 0800			.3		0.019	0.004	0.01	0.37	0.005	0.050	1.20	185	4.	
29 04 75 1015			.3		0.017	0.002	0.01 L	0.35	0.002	0.010L	0.80	155	3.	
10 06 75 0950			.3		0.027	0.006	0.01	0.67	0.004	0.010	1.00	190	5.	
15 07 75 1100			.3		0.022	0.002	0.03	0.45	0.001	0.020	1.50	150	2.	
06 08 75 0930			.3		0.019	0.006	0.01	0.38	0.001	0.010L	1.70	146	2.	
09 09 75 0935			.3		0.031	0.003	0.01 L	0.44	0.002	0.010L	1.00	145	2.	
06 10 75 0835			.3		0.014	0.002	0.01 L	0.44	0.003	0.010L	1.40	155	2.	
04 11 75 0915			.3		0.018	0.003	0.01	0.70	0.003	0.010L	1.20	195	5.	
02 12 75 1000			.3		0.021	0.004	0.01	0.58	0.005	0.170	2.00	250	83.	
MAXIMUM					0.031	0.008	0.09	0.93	0.007	0.170	2.00	250	83.	
AVG OR GEOM MN (*)					0.021	0.005	0.03 D	0.55	0.003	0.039D	1.31	182	10.	
MINIMUM					0.014	0.002	0.01	0.35	0.001	0.010	0.80	145	2.	
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	

SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: RIDEAU RIVER
SAMPLE POINT: HIGHWAY 43 MERRICKVILLE
STATION TYPE: RIVER

STATION ID: 18-0033-011-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: RIDEAU RIVER

STORET CODE: 02
006
1710

STN NO 11 LAT LONG U.T.M. 18 0433800.0 4973900.0 4 REGION 04 MILEAGE 47.30

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
14 01 75	1300			.3		26109	6		590.	228.	84.		0.0	9.0	0.6
03 02 75	1420			.3		26129	4		830.	130.	90.		0.0	12.0	1.0
10 03 75	1345			.3		26149	4		580.	140.	20.		0.0	10.0	1.0
01 04 75	1115			.3		26169	6		280.	70.	10. L		0.0	10.0	0.6
30 04 75	0745			.3		26189	6 3		40.	1.	1.		9.0	10.0	1.2
09 06 75	1340			.3		26209	6		16.	1.	1.		19.0	9.0	0.4
14 07 75	1335			.3		26229	6		60.	1.	1.		25.0	8.0	1.4
05 08 75	1345			.3		26249	6		10.	10. L	10. L		27.0	8.0	1.6
02 09 75	1435			.3		26269	6		88.	4.	8.		19.0	8.0	0.8
07 10 75	1425			.3		26289	6		70.	1.	1.		13.0	8.0	1.2
03 11 75	1315			.3		26309	6		120.	1.	1.		10.0	10.0	1.4
01 12 75	1315			.3		26329	6		480.	50.	10. L		2.0	11.0	1.6
MAXIMUM									830.	228.	90.		27.0	12.0	1.6
AVG OR GEOM MN (*)									122.*	10.* D	6.* D		10.3	9.4	1.1
MINIMUM									10.	1.	1.		0.0	8.0	0.4
NO OF SAMPLES									12	12	12		12	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
14 01 75	1300			.3		0.043	0.022	0.18	0.79	0.003	0.050	0.75	315	8.	
03 02 75	1420			.3		0.045	0.026	0.17	0.69	0.003	0.110	1.10	310	8.	
10 03 75	1345			.3		0.032	0.015	0.17	0.65	0.004	0.120	1.70	285	8.	
01 04 75	1115			.3		0.021	0.011	0.03	0.47	0.004	0.150	1.20	275	5.	
30 04 75	0745			.3		0.031	0.002	0.02	0.49	0.003	0.010L	1.40	195	4.	
09 06 75	1340			.3		0.094	0.050	0.02	0.68	0.004	0.010	2.10	205	5.	
14 07 75	1335			.3		0.055	0.012	0.01 L	0.76	0.002	0.010L	2.20	160	5.	
05 08 75	1345			.3		0.046	0.020	0.09	0.80	0.003	0.010L	2.00	165	5.	
02 09 75	1435			.3		0.036	0.003	0.01 L	0.67	0.002	0.010L	1.70	175	4.	
07 10 75	1425			.3		0.023	0.001	0.01 L	0.52	0.003	0.010L	1.10	215	5.	
03 11 75	1315			.3		0.034	0.028	0.01	0.70	0.003	0.010L	2.10	290	8.	
01 12 75	1315			.3		0.036	0.001L	0.03	0.64	0.006	0.100	2.60	302	7.	
MAXIMUM						0.094	0.050	0.18	0.80	0.006	0.150	2.60	315	8.	
AVG OR GEOM MN (*)						0.041	0.016D	0.06 D	0.66	0.003	0.050D	1.66	241	6.	
MINIMUM						0.021	0.001	0.01	0.47	0.002	0.010	0.75	160	4.	
NO OF SAMPLES						12	12	12	12	12	12	12	12	12	

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SAMPLE INFORMATION SYSTEM       STATION SUMMARY REPORT - RIVER BASINS                       DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: RIDEAU RIVER                                                                   STATION ID:  18-0033-012-02
 SAMPLE POINT: AT DAM IN BLACK RAPIDS
 STATION TYPE: RIVER                                       MAJOR BASIN: GREAT LAKES                          STORET CODE: 02
                                                           MINOR BASIN: OTTAWA RIVER                                      006
                                                           TERM STREAM: RIDEAU RIVER                                      1710

STN NO     12        LAT                   LONG            U.T.M. 18 0445450.0 5018650.0 4    REGION 04           MILEAGE    11.00

                                          934       901       444        80        81         84        88       805         3           1
SAMP DTE HOUR  STN  STN SAMP  PJ        SAMPLE       SCD  FLOW CFS     TOTAL     FECAL       M.F.    PSEUD.    WATER      DISS.      5-DAY
DY MO YR LMT   DIST BRG DEPTH               NO                      COLIFORM  COLIFORM     ENTER.       MPA    TEMP.         O2        BOD
               FEET      MTRS                                       MF/100ML  MF/100ML   MF/100ML  MF/100ML    DEG C       MG/L       MG/L

14 01 75 0950              .3          26103     6                    750.      188.       600.  G              0.0       11.0        0.8
03 02 75 1115              .3          26123     6                    170.       20.        10.  L              0.0       13.0        0.8
10 03 75 1100              .3          26143     6                     80.       16.         4.                 0.0       11.0        1.2
01 04 75 0910              .3          26163     6                    130.       20.       110.                 0.0       10.0        0.8
30 04 75 1110              .3          26183     6                     50.        4.         1.                11.0       11.0        1.6
09 06 75 0915              .3          26203     6 8                   56.        8.         8.                19.0        8.0        1.4
14 07 75 1000              .3          26223     5 8                   10.        1.         1.                25.0        9.0        3.4
05 08 75 0940              .3          26243     5 8                   20.       10.  L      10.  L            26.0        8.0        2.0
02 09 75 1045              .3          26263     8 6                   64.        8.        16.                19.0        7.0        0.4
07 10 75 1030              .3          26283     6                     80.        4.         1.                12.0        9.0        0.8
03 11 75 0945              .3          26303     6                    350.       36.         8.                 9.0        9.0        1.4
01 12 75 1005              .3          26323     6                    830.      260.       750.                 2.0       12.0        1.0


                      MAXIMUM                                         830.      260.       750.                26.0       13.0        3.4
           AVG OR GEOM MN (*)                                         101.*      15.* D     13.* E             10.3        9.8        1.3
                      MINIMUM                                          10.        1.         1.                 0.0        7.0        0.4

                NO OF SAMPLES                                          12        12         12                  12         12         12


                                      33         34        19        20        21        22         16        14       56         55
SAMP DTE HOUR  STN  STN SAMP  PJ   TOTAL   FILTERED  FILTERED     TOTAL   NITRITE   NITRATE      TURB.     COND.  CHLORIDE          PH
DY MO YR LMT   DIST BRG DEPTH          P   REACTIVE   AMMONIA  KJELDAHL    NO2-N     NO3-N   FORMAZIN      25C      MG/L      AT LAB
               FEET      MTRS       MG/L     P MG/L      MG/L      MG/L      MG/L      MG/L     UNITS    UMHOS

14 01 75 0950              .3      0.053      0.026      0.13      0.84     0.008     0.770      2.70      440      21.
03 02 75 1115              .3      0.038      0.021      0.11      0.66     0.005     0.280      1.50      380      10.
10 03 75 1100              .3      0.049      0.022      0.20      0.95     0.007     0.240      2.40      370      13.
01 04 75 0910              .3      0.063      0.025      0.08      0.66     0.010     0.760      2.60      350      50.
30 04 75 1110              .3      0.027      0.002      0.01      0.47     0.004     0.010L     1.80      220       5.
09 06 75 0915              .3      0.083      0.026      0.02      0.70     0.007     0.050      2.40      255       1.
14 07 75 1000              .3      0.078      0.009      0.01      0.86     0.002     0.010L     3.40      195       6.
05 08 75 0940              .3      0.088      0.037      0.23      1.10     0.004     0.010L     2.30      190       6.
02 09 75 1045              .3      0.056      0.021      0.03      0.78     0.013     0.100      1.00      195       6.
07 10 75 1030              .3      0.030      0.005      0.01      0.62     0.007     0.060      1.30      240       7.
03 11 75 0945              .3      0.034      0.007      0.02      0.62     0.005     0.070      3.70      310      11.
01 12 75 1005              .3      0.120      0.031      0.05      0.90     0.011     1.000     13.00      410      18.


                      MAXIMUM      0.120      0.037      0.23      1.10     0.013     1.000     13.00      440      50.
           AVG OR GEOM MN (*)      0.060      0.019      0.08      0.76     0.007     0.280D     3.18      296      12.
                      MINIMUM      0.027      0.002      0.01      0.47     0.002     0.010      1.00      190       1.

                NO OF SAMPLES         12         12        12        12        12        12        12       12       12
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SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

B.O.W./ SITE: JOCK RIVER
SAMPLE POINT: AT TOWNSHIP LINE DOWNSTREAM FROM RICHMOND
STATION TYPE: RIVER

STATION ID: 18-0033-016-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: RIDEAU RIVER

STORET CODE: 02
006
1710

STN NO 16   LAT   LONG   U.T.M. 18 0435550.0 5005100.0 4   REGION 04   MILEAGE 25.70

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
14 01 75	1145			.3		26106	4	345.	980.	100.	108.		0.0	9.0	2.4
03 02 75	1300			.3		26126	4	60.0	330.	24.	12.		0.0	7.0	0.8
10 03 75	1220			.3		26146	4	122.	60.	12.	1.		0.0	5.0	0.8
01 04 75	1025			.3		26166	4	634.	50.	24.	4.		0.0	7.0	0.6
30 04 75	1310			.3		26186	6 3	557.	140.	32.	8.		12.0	9.0	0.8
09 06 75	1130			.3		26206	8 6	57.6	1970.	296.	176.		17.0	8.0	0.8
14 07 75	1215			.3		26226	7 6	2.6	160.	16.	12.		23.0	6.0	1.2
05 08 75	1135			.3		26246	7 6	2.1	1100.	60.	10. L		25.0	7.0	2.2
02 09 75	1245			.3		26266	7 6	2.0	100.	90.	200.		19.0	7.0	1.0
07 10 75	1310			.3		26286	6	7.6	800.	20.	30.		12.0	9.0	1.0
03 11 75	1200			.3		26306	6	24.5	14300.	60.	60.		10.0	10.0	1.2
01 12 75	1145			.3		26326	6	185.	7100.	1700.	2200.		1.0	12.0	1.2
MAXIMUM								634.	14300.	1700.	2200.		25.0	12.0	2.4
AVG OR GEOM MN (*)								166.6	519.*	57.*	31.* D		9.9	8.0	1.2
MINIMUM								2.0	50.	12.	1.		0.0	5.0	0.6
NO OF SAMPLES								12	12	12	12		12	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
14 01 75	1145			.3		0.051	0.004	0.05	1.10	0.010	0.240	1.20	400	14.	
03 02 75	1300			.3		0.044	0.025	0.16	0.78	0.005	0.110	1.60	490	12.	
10 03 75	1220			.3		0.038	0.024	0.12	0.69	0.005	0.090	2.00	450	14.	
01 04 75	1025			.3		0.036	0.015	0.03	0.56	0.005	0.060	2.40	345	9.	
30 04 75	1310			.3		0.025	0.001	0.01 L	0.49	0.004	0.010L	1.90	230	5.	
09 06 75	1130			.3		0.055	0.022	0.01 L	0.90	0.005	0.010	3.00	330	6.	
14 07 75	1215			.3		0.130	0.054	0.08	0.94	0.013	0.010	8.00	410	26.	
05 08 75	1135			.3		0.140	0.053	0.10	0.90	0.011	0.010L	8.50	420	34.	
02 09 75	1245			.3		0.090	0.022	0.02	0.70	0.006	0.010	20.00	400	23.	
07 10 75	1310			.3		0.049	0.008	0.01	0.88	0.005	0.010L	4.40	415	21.	
03 11 75	1200			.3		0.026	0.009	0.01 L	0.74	0.004	0.010L	4.60	485	18.	
01 12 75	1145			.3		0.150	0.022	0.03	0.85	0.009	0.300	33.00	430	14.	
MAXIMUM						0.150	0.054	0.16	1.10	0.013	0.300	33.00	490	34.	
AVG OR GEOM MN (*)						0.070	0.022	0.05 D	0.79	0.007	0.073D	7.55	400	16.	
MINIMUM						0.025	0.001	0.01	0.49	0.004	0.010	1.20	230	5.	
NO OF SAMPLES						12	12	12	12	12	12	12	12	12	

SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

STATION ID: 18-0033-017-02

B.O.W./ SITE: JOCK RIVER
SAMPLE POINT: AT QUEEN STREET RICHMOND
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: RIDEAU RIVER

STORET CODE: 02
006
1710

STN NO 17   LAT   LONG   U.T.M. 18 0434550.0 4904100.0 4   REGION 04   MILEAGE 27.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
14 01 75 1200			.3		26107	4		310.	30.	180.		0.0	8.0	1.6
03 02 75 1315			.3		26127	4		13000.	1000.	60.		0.0	9.0	2.4
10 03 75 1235			.3		26147	4		500.	30.	40.		0.0	4.0	0.8
01 04 75 1035			.3		26167	4		160.	10. L	10. L		0.0	7.0	0.6
30 04 75 1325			.3		26187	6 3		10.	8.	8.		12.0	8.0	0.7
09 06 75 1150			.3		26207	6 8		244.	28.	40.		17.0	8.0	0.8
14 07 75 1230			.3		26227	6 8		80.	16.	20.		23.0	8.0	1.6
05 08 75 1155			.3		26247	6 8		660.	30.	10.		25.0	7.0	11.0
02 09 75 1300			.3		26267	6 8		1600.	110.	60.		19.0	7.0	1.2
07 10 75 1325			.3		26287	6		2000.	40.	20.		12.0	8.0	1.0
03 11 75 1215			.3		26307	6		400.	10. L	40.		10.0	11.0	1.6
01 12 75 1205			.3		26327	6		240.	10.	80.		1.0	12.0	1.2
MAXIMUM								13000.	1000.	180.		25.0	12.0	11.0
AVG OR GEOM MN (*)								391.*	29.* D	32.* D		9.9	8.1	2.0
MINIMUM								10.	8.	8.		0.0	4.0	0.6
NO OF SAMPLES								12	12	12		12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
14 01 75 1200			.3		0.050	0.010	0.02	0.74	0.013	0.310	6.30	400	14.	
03 02 75 1315			.3		0.350	0.017	0.12	0.52	0.064	3.500	68.00	1360	223.	
10 03 75 1235			.3		0.038	0.023	0.13	0.72	0.005	0.060	1.60	445	11.	
01 04 75 1035			.3		0.041	0.014	0.02	0.59	0.004	0.040	1.50	345	10.	
30 04 75 1325			.3		0.019	0.001	0.01 L	0.45	0.004	0.010L	1.20	220	4.	
09 06 75 1150			.3		0.052	0.022	0.01 L	0.98	0.003	0.010	1.50	385	6.	
14 07 75 1230			.3		0.086	0.004	0.01 L	1.00	0.003	0.010L	3.50	360	18.	
05 08 75 1155			.3		0.140	0.027	0.10	1.70	0.002	0.010L	2.10	330	19.	
02 09 75 1300			.3		0.041	0.003	0.01 L	1.10	0.003	0.010L	2.10	365	24.	
07 10 75 1325			.3		0.032	0.001	0.02	1.20	0.004	0.010L	2.10	380	15.	
03 11 75 1215			.3		0.022	0.004	0.01 L	0.76	0.003	0.010L	0.95	460	13.	
01 12 75 1205			.3		0.030	0.001	0.01 L	0.76	0.004	0.140	1.40	432	9.	
MAXIMUM					0.350	0.027	0.13	1.70	0.064	3.500	68.00	1360	223.	
AVG OR GEOM MN (*)					0.075	0.011	0.04 D	0.88	0.009	0.343D	7.69	457	30.	
MINIMUM					0.019	0.001	0.01	0.45	0.002	0.010	0.95	220	4.	
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	

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SAMPLE INFORMATION SYSTEM        STATION SUMMARY REPORT - RIVER BASINS                         DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: RIDEAU RIVER                                                                     STATION ID:  18-0033-018-02
 SAMPLE POINT: AT BURRITT RAPIDS BRIDGE
 STATION TYPE: RIVER                                  MAJOR BASIN: GREAT LAKES                          STORET CODE: 02
                                                      MINOR BASIN: OTTAWA RIVER                                      006
                                                      TERM STREAM: RIDEAU RIVER                                      1710

STN NO     18        LAT                LONG          U.T.M. 18 0437075.0 4981100.0 4      REGION 04          MILEAGE   42.00


                                          934       901        444        80        81        84        88       805         3          1
SAMP DTE HOUR  STN  STN SAMP  PJ       SAMPLE       SCD  FLOW CFS     TOTAL     FECAL      M.F.    PSEUD.     WATER     DISS.      5-DAY
DY MO YR LMT   DIST BRG DEPTH              NO                      COLIFORM  COLIFORM    ENTER.       MPA     TEMP.        O2        BOD
               FEET      MTRS                                      MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L       MG/L

14 01 75 1230              .3          26108    6                     450.       88.       68.                0.0      13.0        0.8
03 03 75 1400              .3          26128    6                     520.       64.       20.                0.0      12.0        1.2
10 03 75 1330              .3          26148    6                     500.      204.       32.                0.0       6.0        1.0
01 04 75 1100              .3          26168    6                     120.       24.        4.                0.0      10.0        0.6
30 04 75 0805              .3          26188    6 3                    20.        8.        1.                9.0       9.0        1.1
09 06 75 1300              .3          26208    6 8                    72.        1.       24.               19.0       9.0        1.0
14 07 75 1320              .3          26228    6 8                    80.        4.      152.               25.0       9.0        0.8
05 08 75 1300              .3          26248  . 6 8                    90.       10.  L    40.               27.0       8.0        1.0
02 09 75 1400              .3          26268    6 8                    68.        8.       36.               19.0       9.0        0.6
07 10 75 1410              .3          26288    6                      80.        1.        8.               13.0      10.0        1.0
03 11 75 1245              .3          26308    6                     130.        1.        1.               10.0      11.0        1.2
01 12 75 1250              .3          26328    6                     340.       50.       80.                2.0      12.0        1.0


                      MAXIMUM                                         520.      204.      152.               27.0      13.0        1.2
            AVG OR GEOM MN (*)                                        135.*      11.* D    17.*              10.3       9.8        0.9
                      MINIMUM                                          20.        1.        1.                0.0       6.0        0.6

                NO OF SAMPLES                                          12        12        12                 12        12         12



                                           33        34        19        20        21        22        16        14        56         55
SAMP DTE HOUR  STN  STN SAMP  PJ        TOTAL  FILTERED  FILTERED     TOTAL   NITRITE   NITRATE     TURB.     COND.  CHLORIDE         PH
DY MO YR LMT   DIST BRG DEPTH               P  REACTIVE  AMMONIA   KJELDAHL     NO2-N     NO3-N  FORMAZIN       25C      MG/L     AT LAB
               FEET      MTRS            MG/L    P MG/L      MG/L      MG/L      MG/L      MG/L     UNITS     UMHOS

14 01 75 1230              .3          0.039     0.019     0.15      0.68      0.004     0.100      1.80       324       7.
03 03 75 1400              .3          0.095     0.023     0.17      0.67      0.003     0.160      1.40       325      10.
10 03 75 1330              .3          0.041     0.021     0.16      0.65      0.004     0.130      1.80       295       8.
01 04 75 1100              .3          0.026     0.009     0.03      0.45      0.004     0.150      1.20       385       6.
30 04 75 0805              .3          0.032     0.002     0.02      0.47      0.003     0.010L     1.50       205       4.
09 06 75 1300              .3          0.085     0.053     0.02      0.64      0.007     0.040      1.50       355       5.
14 07 75 1320              .3          0.083     0.042     0.01      0.73      0.007     0.010      2.40       165       5.
05 08 75 1300              .3          0.051     0.032     0.04      0.80      0.017     0.040      1.50       170       5.
02 09 75 1400              .3          0.037     0.010     0.01 L    0.64      0.005     0.030      1.50       175       4.
07 10 75 1410              .3          0.025     0.001     0.01 L    0.54      0.003     0.010L     1.00       255       5.
03 11 75 1245              .3          0.020     0.005     0.01      0.68      0.003     0.010      1.40       325       8.
01 12 75 1250              .3          0.024     0.001     0.02      0.63      0.005     0.130      2.90       328       7.


                      MAXIMUM          0.095     0.053     0.17      0.80      0.017     0.160      2.90       385      10.
            AVG OR GEOM MN (*)         0.047     0.018     0.05 D    0.63      0.005     0.068D     1.66       276       6.
                      MINIMUM          0.020     0.001     0.01      0.45      0.003     0.010      1.00       165       4.

                NO OF SAMPLES             12        12        12        12        12        12        12        12        12
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SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

STATION ID: 18-0033-019-02

B.O.W./ SITE: RIDEAU RIVER
SAMPLE POINT: AT BRIDGE IN RIDEAU FERRY
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: RIDEAU RIVER

STORET CODE: 02
006
1710

STN NO 19 LAT LONG U.T.M. 18 0409850.0 4966400.0 4 REGION 04 MILEAGE 69.10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
13 01 75 0955			.3		26112	4		48.	1.	1.		0.0	12.0	2.0
05 02 75 1005			.3		26132	4		1.	1.	1.		0.0	14.0	1.4
11 03 75 0915			.3		26152	4		1.	1.	1.		0.0	17.0	3.2
02 04 75 0940			.3		26172	6		44.	16.	1.		0.0	13.0	0.8
29 04 75 0825			.3		26192	6 3		1.	1.	1.		6.0	12.0	1.1
10 06 75 0810			.3		26212	6 8		100.	12.	12.		18.0	9.0	0.8
15 07 75 0940			.3		26232	8 6		4.	1.	4.		26.0	9.0	0.6
06 08 75 0800			.3		26252	8 6		64.	16.	4.		26.0	7.0	1.0
09 09 75 0845			.3		26272	8 6		44.	1.	1.		17.0	9.0	1.2
06 10 75 0755			.3		26292	6		70.	1.	1.		13.0	8.0	1.4
04 11 75 0820			.3		26312	6		70.	1.	1.		10.0	10.0	0.6
02 12 75 0900			.3		26332	6		70.	1.	1.		2.0	12.0	0.4
MAXIMUM								100.	16.	12.		26.0	17.0	3.2
AVG OR GEOM MN (*)								17.*	2.*	2.*		9.8	11.0	1.2
MINIMUM								1.	1.	1.		0.0	7.0	0.4
NO OF SAMPLES								12	12	12		12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
13 01 75 0955			.3		0.027	0.001	0.01	0.54	0.002	0.030	1.00	215	5.	
05 02 75 1005			.3		0.034	0.005	0.01	0.60	0.001	0.010L	1.40	239	5.	
11 03 75 0915			.3		0.029	0.001	0.01 L	0.50	0.002	0.050	1.10	235	4.	
02 04 75 0940			.3		0.039	0.004	0.02	0.52	0.010	0.210	1.50	190	6.	
29 04 75 0825			.3		0.012	0.001	0.01 L	0.30	0.001	0.010L	0.65	195	4.	
10 06 75 0810			.3		0.032	0.002	0.01	0.45	0.002	0.020	1.00	210	4.	
15 07 75 0940			.3		0.019	0.001	0.01 L	0.42	0.001	0.010L	2.00	600	4.	
06 08 75 0800			.3		0.026	0.008	0.03	0.46	0.001	0.010L	1.60	195	4.	
09 09 75 0845			.3		0.012	0.001	0.04	0.63	0.003	0.020	1.00	200	4.	
06 10 75 0755			.3		0.016	0.001	0.01 L	0.47	0.002	0.010L	1.50	230	4.	
04 11 75 0820			.3		0.015	0.002	0.01	0.45	0.002	0.010L	1.10	215	4.	
02 12 75 0900			.3		0.015	0.001	0.01 L	0.42	0.002	0.010	2.00	215	4.	
MAXIMUM					0.039	0.008	0.04	0.63	0.010	0.210	2.00	600	6.	
AVG OR GEOM MN (*)					0.023	0.002	0.02 D	0.48	0.002	0.033D	1.32	245	4.	
MINIMUM					0.012	0.001	0.01	0.30	0.001	0.010	0.65	190	4.	
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	

SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: RIDEAU RIVER
SAMPLE POINT: AT ROCKEY NARROWS RIDEAU LAKE
STATION TYPE: RIVER

STATION ID: 18-0033-020-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: RIDEAU RIVER

STORET CODE: 02
006
1710

STN NO 20 LAT LONG U.T.M. 18 0405050.0 4960350.0 4 REGION 04 MILEAGE 74.60

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
13 01 75	1435			.3		26119	4		4.	1.	4.		0.0	14.0	1.4
05 02 75	1530			.3		26139	4		1.	1.	1.		0.0	15.0	0.8
11 03 75	1400			.3		26159	4		1.	1.	1.		0.0	11.0	2.0
02 04 75	1010			.3		26179	4		1.	1.	1.		0.0	14.0	0.2
29 04 75	1430			.3		26199	6 3		4.	1.	1.		8.0	11.0	0.8
10 06 75	1330			.3		26219	6 8		124.	20.	8.		20.0	8.0	0.4
15 07 75	1530			.3		26239	5 8		68.	8.			25.0	9.0	1.2
06 08 75	1400			.3		26259	6 8		12.	1.	1.		22.0	8.0	0.8
09 09 75	1345			.3		26279	6 8		1.	1.	1.		17.0	10.0	1.0
06 10 75	1300			.3		26299	6		36.	1.	1.		14.0	8.0	1.0
04 11 75	1400			.3		26319	6		8.	1.	4.		10.0	10.0	0.8
02 12 75	1405			.3		26339	6		4.	1.	1.		2.0	10.0	1.2
MAXIMUM									124.	20.	8.		25.0	15.0	2.0
AVG OR GEOM MN (*)									6.*	2.*	2.*		9.8	10.7	1.0
MINIMUM									1.	1.	1.		0.0	8.0	0.2
NO OF SAMPLES									12	12	11		12	12	12

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
13 01 75	1435			.3		0.013	0.003	0.01	0.32	0.001	0.010	0.85	225	4.	
05 02 75	1530			.3		0.020	0.002	0.01 L	0.38	0.001	0.010L	1.40	236	4.	
11 03 75	1400			.3		0.031	0.002	0.02	0.48	0.002	0.040	1.40	230	4.	
02 04 75	1010			.3		0.015	0.001	0.03	0.51	0.009	0.180	1.00	137	3.	
29 04 75	1430			.3		0.010	0.007	0.01 L	0.28	0.001	0.030	0.43	220	4.	
10 06 75	1330			.3		0.012	0.001	0.01	0.35	0.002	0.010L	0.75	205	4.	
15 07 75	1530			.3		0.012	0.002	0.02	0.44	0.001L	0.010	1.20	205	4.	
06 08 75	1400			.3		0.018	0.001	0.01	0.37	0.001	0.010L	1.30	205	4.	
09 09 75	1345			.3		0.015	0.001	0.01 L	0.44	0.002	0.010L	0.60	205	4.	
06 10 75	1300			.3		0.015	0.001L	0.01 L	0.41	0.002	0.010L	1.70	215	3.	
04 11 75	1400			.3		0.014	0.001	0.01 L	0.42	0.002	0.010L	0.85	230	4.	
02 12 75	1405			.3		0.009	0.002	0.01	0.33	0.002	0.040	0.85	215	4.	
MAXIMUM						0.031	0.007	0.03	0.51	0.009	0.180	1.70	236	4.	
AVG OR GEOM MN (*)						0.015	0.002D	0.01 D	0.39	0.002D	0.031D	1.03	211	3.	
MINIMUM						0.009	0.001	0.01	0.28	0.001	0.010	0.43	137	3.	
NO OF SAMPLES						12	12	12	12	12	12	12	12	12	

SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: TAY RIVER
SAMPLE POINT: AT DAM IN BOLINGBROKE
STATION TYPE: RIVER

STATION ID: 18-0033-023-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: RIDEAU RIVER

STORET CODE: 02
006
1710

STN NO 23 LAT LONG U.T.M. 18 0379700.0 4957200.0 4 REGION 04 MILEAGE 94.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
13 01 75 1130			.3		26115	6		268.	116.	140.		0.0	13.0	1.6
05 02 75 1220			.3		26135	4		4.	1.	8.		0.0	12.0	0.4
11 03 75 1100			.3		26155	6		16.	1.	8.		0.0	11.0	1.2
02 04 75 1300			.3		26175	6		148.	1.	100.		0.0	11.0	0.2
29 04 75 1110			.3		26195	6 3		1.	1.	1.		7.0	11.0	0.9
10 06 75 1045			.3		26215	6		52.	1.	16.		19.0	8.0	0.6
15 07 75 1145			.3		26235	6		2.	1.	232.		26.0	9.0	0.6
06 08 75 1025			.3		26255	6		40.	1.	20.		22.0	8.0	0.8
09 09 75 1005			.3		26275	6		12.	4.	4.		17.0	8.0	1.0
06 10 75 0930			.3		26295	6		20.	1.	1.		14.0	9.0	1.0
04 11 75 1015			.3		26315	6		10.	8.	1.		10.0	10.0	0.6
02 12 75 1105			.3		26335	6		148.	1.	1.		2.0	12.0	1.6
MAXIMUM								268.	116.	232.		26.0	13.0	1.6
AVG OR GEOM MN (*)								20.*	2.*	9.*		9.8	10.2	0.9
MINIMUM								1.	1.	1.		0.0	8.0	0.2
NO OF SAMPLES								12	12	12		12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
13 01 75 1130			.3		0.019	0.005	0.02	0.38	0.003	0.010	0.75	155	3.	
05 02 75 1220			.3		0.007	0.003	0.02	0.33	0.002	0.030	0.95	144	2.	
11 03 75 1100			.3		0.005	0.002	0.01	0.38	0.001	0.050	0.74	142	2.	
02 04 75 1300			.3		0.015	0.007	0.02	0.26	0.005	0.110	0.90	127	3.	
29 04 75 1110			.3		0.017	0.001	0.01 L	0.35	0.001	0.030	0.90	135	2.	
10 06 75 1045			.3		0.012	0.001	0.01	0.38	0.003	0.010	0.65	135	2.	
15 07 75 1145			.3		0.014	0.001	0.01 L	0.35	0.001	0.010L	1.00	135	2.	
06 08 75 1025			.3		0.009	0.002	0.02	0.38	0.001	0.010L	1.00	136	2.	
09 09 75 1005			.3		0.022	0.001	0.01 L	1.90	0.002	0.010L	0.82	155	2.	
06 10 75 0930			.3		0.015	0.001	0.01 L	0.41	0.002	0.010L	1.10	145	2.	
04 11 75 1015			.3		0.020	0.004	0.01	0.38	0.003	0.010	1.00	145	2.	
02 12 75 1105			.3		0.010	0.001	0.01 L	0.36	0.002	0.010L	1.90	140	2.	
MAXIMUM					0.022	0.007	0.02	1.90	0.005	0.110	1.90	155	3.	
AVG OR GEOM MN (*)					0.014	0.002	0.01 D	0.49	0.002	0.025D	0.98	141	2.	
MINIMUM					0.005	0.001	0.01	0.26	0.001	0.010	0.65	127	2.	
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	

SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS

DATE OF REPORT 28 OCT 77

B.O.W./ SITE: CROW LAKE INLET
SAMPLE POINT: COMMUNITY OF CROW LAKE
STATION TYPE: RIVER

STATION ID: 18-0033-024-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: RIDEAU RIVER

STORET CODE: 02
006
1710

STN NO 24 LAT LONG U.T.M. 18 0373000.0 4954250.0 4 REGION 04 MILEAGE 99.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
13 01 75 1150			.3		26116	4		13000.	28.	56.		0.0	13.0	2.0
05 02 75 1245			.3		26136	4		14000.	636.	4.		0.0	12.0	0.6
11 03 75 1130			.3		26156	4		10.	10. L	10. L		0.0	11.0	1.8
02 04 75 1320			.3		26176	4		44.	4.	52.		0.0	12.0	0.2
29 04 75 1130			.3		26196	6 3		4.	1.	1.		8.0	10.0	0.7
10 06 75 1105			.3		26216	6		108.	1.	1.		20.0	9.0	0.4
15 07 75 1215			.3		26236	5 8		184.	8.	4.		25.0	9.0	0.6
06 08 75 1050			.3		26256	8 6		1.	1.	1.		21.0	8.0	0.6
09 09 75 1040			.3		26276	8 6		1.	1.	1.		17.0	10.0	1.0
06 10 75 1000			.3		26296	6		60.	4.	4.		14.0	10.0	1.8
04 11 75 1035			.3		26316	6		50.	1.	1.		10.0	10.0	0.8
02 12 75 1120			.3		26336	6		220.	4.	32.		2.0	11.0	0.8
MAXIMUM								14000.	636.	56.		25.0	13.0	2.0
AVG OR GEOM MN (*)								63.*	5.* D	4.* D		9.8	10.4	0.9
MINIMUM								1.	1.	1.		0.0	8.0	0.2
NO OF SAMPLES								12	12	12		12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
13 01 75 1150			.3		0.025	0.004	0.02	0.51	0.003	0.040	2.10	134	4.	
05 02 75 1245			.3		0.021	0.008	0.04	0.33	0.003	0.100	3.60	169	5.	
11 03 75 1130			.3		0.024	0.001	0.34	1.00	0.005	0.100	1.40	140	2.	
02 04 75 1320			.3		0.014	0.001	0.01 L	0.41	0.004	0.060	0.90	140	2.	
29 04 75 1130			.3		0.013	0.002	0.01 L	0.25	0.001	0.050	0.95	142	2.	
10 06 75 1105			.3		0.008	0.001	0.02	0.29	0.002	0.010	0.70	170	2.	
15 07 75 1215			.3		0.014	0.001	0.01 L	0.30	0.001	0.010L	1.50	140	2.	
06 08 75 1050			.3		0.010	0.004	0.01	0.26	0.001L	0.010L	1.20	140	2.	
09 09 75 1040			.3		0.015	0.001	0.01 L	0.39	0.002	0.010L	0.92	140	1.	
06 10 75 1000			.3		0.030	0.001L	0.04	0.91	0.002	0.010L	1.90	155	2.	
04 11 75 1035			.3		0.019	0.002	0.01 L	0.35	0.002	0.010L	1.60	160	2.	
02 12 75 1120			.3		0.008	0.001	0.01	0.30	0.002	0.080	1.00	150	2.	
MAXIMUM					0.030	0.008	0.34	1.00	0.005	0.100	3.60	170	5.	
AVG OR GEOM MN (*)					0.017	0.002D	0.04 D	0.44	0.002D	0.041D	1.48	148	2.	
MINIMUM					0.008	0.001	0.01	0.25	0.001	0.010	0.70	134	1.	
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	

SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT – RIVER BASINS   DATE OF REPORT 28 OCT 77

B.O.W./ SITE: BOBS LAKE
SAMPLE POINT: END OF ROAD TO TIMMERMANS ISLAND
STATION TYPE: LAKE

STATION ID: 18-0033-025-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: RIDEAU RIVER

STORET CODE: 02
006
1710

STN NO   25   LAT   LONG   U.T.M. 18 0375175.0 4949400.0 4   REGION 04   MILEAGE 102.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
13 01 75 1245			.3		26117	4		8.	1.	1.		0.0	13.0	1.6
05 02 75 1345			.3		26137	4		4.	1.	1.		0.0	12.0	0.8
11 03 75 1230			.3		26157	4		4.	1.	1.		0.0	11.0	2.2
02 04 75 1215			.3		26177	4		1.	1.	8.		0.0	12.0	0.2
29 04 75 1230			.3		26197	6 3		1.	1.	1.		7.0	11.0	1.2
10 06 75 1130			.3		26217	5		24.	1.	1.		20.0	8.0	0.8
15 07 75 1300			.3		26237	6		28.	4.	1.		24.0	8.0	1.0
06 08 75 1150			.3		26257	6		4.	1.	1.		23.0	8.0	0.6
09 09 75 1120			.3		26277	6		1.	1.	1.		17.0	9.0	1.2
06 10 75 1050			.3		26297	6		132.	1.	1.		13.0	9.0	1.6
04 11 75 1115			.3		26317	6		36.	1.	1.		10.0	10.0	1.0
02 12 75 1210			.3		26337	6		168.	1.	1.		2.0	11.0	1.4
MAXIMUM								168.	4.	8.		24.0	13.0	2.2
AVG OR GEOM MN (*)								9.*	1.*	1.*		9.7	10.2	1.1
MINIMUM								1.	1.	1.		0.0	8.0	0.2
NO OF SAMPLES								12	12	12		12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
13 01 75 1245			.3		0.019	0.003	0.02	0.40	0.002	0.010	1.50	132	3.	
05 02 75 1345			.3		0.022	0.004	0.01	0.58	0.002	0.020	1.90	141	3.	
11 03 75 1230			.3		0.011	0.002	0.01	0.53	0.002	0.030	1.20	144	3.	
02 04 75 1215			.3		0.008	0.001L	0.02	0.32	0.007	0.070	0.80	116	2.	
29 04 75 1230			.3		0.008	0.001	0.01 L	0.33	0.001	0.020	0.70	130	2.	
10 06 75 1130			.3		0.010	0.001	0.01	0.42	0.002	0.010L	0.75	135	2.	
15 07 75 1300			.3		0.010	0.001	0.01 L	0.36	0.001	0.010L	1.00	130	2.	
06 08 75 1150			.3		0.012	0.002	0.02	0.31	0.001L	0.010L	1.00	134	2.	
09 09 75 1120			.3		0.010	0.001	0.01 L	0.48	0.002	0.010L	1.00	140	2.	
06 10 75 1050			.3		0.020	0.001L	0.01 L	0.47	0.002	0.010L	0.95	145	2.	
04 11 75 1115			.3		0.018	0.002	0.01 L	0.47	0.002	0.010L	1.40	138	2.	
02 12 75 1210			.3		0.019	0.011	0.01 L	0.44	0.002	0.010L	2.00	140	2.	
MAXIMUM					0.022	0.011	0.02	0.58	0.007	0.070	2.00	145	3.	
AVG OR GEOM MN (*)					0.014	0.003D	0.01 D	0.43	0.002D	0.018D	1.18	135	2.	
MINIMUM					0.008	0.001	0.01	0.31	0.001	0.010	0.70	116	2.	
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	

SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: RIDEAU RIVER
SAMPLE POINT: AT DAM IN KILMARNOCK
STATION TYPE: RIVER

STATION ID: 18-0033-026-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: RIDEAU RIVER

STORET CODE: 02
006
1710

STN NO 26 LAT LONG U.T.M. 18 0426750.0 4970650.0 4 REGION 04 MILEAGE 54.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
14 01 75 1330			.3		26110	6		890.	284.	48.		0.0	11.0	0.6
03 02 75 1440			.3		26130	6		1200.	150.	130.		0.0	12.0	1.2
10 03 75 1400			.3		26150	6		450.	130.	10. L		0.0	12.0	1.2
01 04 75 1130			.3		26170	6		400.	100.	20.		0.0	11.0	0.6
30 04 75 1445			.3		26190	6 3		1550.	308.	4.		11.0	10.0	1.6
09 06 75 1420			.3		26210	6		300.	40.	10. L		19.0	10.0	0.8
14 07 75 1405			.3		26230	6 8		20.	10. L	10. L		25.0	10.0	1.0
05 08 75 1410			.3		26250	6 8		100. L	10. L	10. L		27.0	9.0	1.2
02 09 75 1445			.3		26270	6 8		100.	10.	10. L		19.0	8.0	0.6
07 10 75 1445			.3		26290	6		270.	10. L	10. L		13.0	10.0	1.0
03 11 75 1335			.3		26310	6		1900.	28.	1.		10.0	11.0	1.4
01 12 75 1420			.3		26330	6		12000.	470.	410.		2.0	12.0	1.6
MAXIMUM								12000.	470.	410.		27.0	12.0	1.6
AVG OR GEOM MN (*)								468.* D	56.* D	16.* D		10.5	10.5	1.1
MINIMUM								20.	10.	1.		0.0	8.0	0.6
NO OF SAMPLES								12	12	12		12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
14 01 75 1330			.3		0.041	0.020	0.06	0.56	0.005	0.120	3.20	325	5.	
03 02 75 1440			.3		0.048	0.030	0.19	0.67	0.003	0.100	1.50	265	7.	
10 03 75 1400			.3		0.034	0.020	0.17	0.62	0.003	0.130	1.20	265	8.	
01 04 75 1130			.3		0.022	0.009	0.04	0.51	0.004	0.130	1.50	276	7.	
30 04 75 1445			.3		0.032	0.003	0.01	0.48	0.002	0.010L	1.50	185	4.	
09 06 75 1420			.3		0.097	0.052	0.04	0.65	0.007	0.010	1.90	215	5.	
14 07 75 1405			.3		0.058	0.020	0.01	0.64	0.003	0.010L	1.80	175	5.	
05 08 75 1410			.3		0.045	0.035	0.07	0.85	0.005	0.010	1.50	170	5.	
02 09 75 1445			.3		0.031	0.004	0.01 L	0.63	0.003	0.010L	1.30	185	4.	
07 10 75 1445			.3		0.024	0.001	0.01 L	0.48	0.003	0.010L	0.90	220	5.	
03 11 75 1335			.3		0.022	0.005	0.01 L	0.56	0.003	0.010L	1.40	270	7.	
01 12 75 1420			.3		0.120	0.006	0.04	1.10	0.006	0.180	19.00	323	6.	
MAXIMUM					0.120	0.052	0.19	1.10	0.007	0.180	19.00	325	8.	
AVG OR GEOM MN (*)					0.048	0.017	0.06 D	0.65	0.004	0.061D	3.06	240	5.	
MINIMUM					0.022	0.001	0.01	0.48	0.002	0.010	0.90	170	4.	
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	

SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

B.O.W./ SITE: RIDEAU RIVER   STATION ID: 18-0033-028-02
SAMPLE POINT: DOWNSTREAM FROM CONFLUENCE WITH JOCK RIVER
STATION TYPE: RIVER   MAJOR BASIN: GREAT LAKES   STORET CODE: 02
MINOR BASIN: OTTAWA RIVER   006
TERM STREAM: RIDEAU RIVER   1710

STN NO   28   LAT   LONG   U.T.M. 18 0444600.0 5012175.0 4   REGION 04   MILEAGE   15.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
14 01 75 0935			.3		26102	4		780.	160.	152.		0.0	12.0	1.0
03 02 75 1100			.3		26122	4		170.	20.	8.		0.0	13.0	1.0
10 03 75 1040			.3		26142	4		50.	44.	1.		0.0	10.0	1.2
01 04 75 0855			.3		26162	4		120.	12.	40.		0.0	9.0	0.8
30 04 75 1100			.3		26182	6		20.	1.	4.		11.0	10.0	1.3
09 06 75 0900			.3		26202	6 8		20.	20.	36.		19.0	9.0	3.6
14 07 75 0935			.3		26222	7 5		20.	1.	1.		25.0	7.0	2.8
05 08 75 0910			.3		26242	7 5		60.	8.	1.		27.0	7.0	5.0
02 09 75 1030			.3		26262	7 6		10.	10. L	10. L		19.0	7.0	2.0
07 10 75 0935			.3		26282	6		230.	20.	10. L		11.0	8.0	2.0
03 11 75 0915			.3		26302	6		340.	20.	4.		9.0	9.0	1.2
01 12 75 0945			.3		26322	6		960.	160.	160.		2.0	12.0	1.0
MAXIMUM								960.	160.	160.		27.0	13.0	5.0
AVG OR GEOM MN (*)								90.*	15.* D	9.* D		10.3	9.4	1.9
MINIMUM								10.	1.	1.		0.0	7.0	0.8
NO OF SAMPLES								12	12	12		12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
14 01 75 0935			.3		0.054	0.025	0.11	0.95	0.008	0.310	3.60	400	16.	
03 02 75 1100			.3		0.036	0.019	0.12	0.65	0.005	0.270	1.20	370	9.	
10 03 75 1040			.3		0.038	0.021	0.17	0.69	0.007	0.190	2.10	390	13.	
01 04 75 0855			.3		0.042	0.013	0.04	0.63	0.006	0.200	1.70	308	8.	
30 04 75 1100			.3		0.053	0.003	0.01	0.52	0.005	0.020	4.00	225	5.	
09 06 75 0900			.3		0.060	0.024	0.03	0.70	0.004	0.020	2.00	245	1.	
14 07 75 0935			.3		0.150	0.039	0.36	1.40	0.029	0.050	5.40	185	7.	
05 08 75 0910			.3		0.170	0.100	0.70	1.90	0.059	0.100	4.60	190	7.	
02 09 75 1030			.3		0.130	0.026	0.11	1.40	0.011	0.070	1.40	195	6.	
07 10 75 0935			.3		0.037	0.002	0.01	0.86	0.006	0.010L	1.40	230	7.	
03 11 75 0915			.3		0.044	0.006	0.03	0.70	0.006	0.060	3.50	325	11.	
01 12 75 0945			.3		0.076	0.003	0.03	0.88	0.007	0.230	16.00	385	12.	
MAXIMUM					0.170	0.100	0.70	1.90	0.059	0.310	16.00	400	16.	
AVG OR GEOM MN (*)					0.074	0.023	0.14	0.94	0.013	0.128D	3.91	287	8.	
MINIMUM					0.036	0.002	0.01	0.52	0.004	0.010	1.20	185	1.	
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	

SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: RIDEAU RIVER
SAMPLE POINT: AT BRIDGE DOWNSTREAM OF KARS
STATION TYPE: RIVER

STATION ID: 18-0033-029-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: RIDEAU RIVER

STORET CODE: 02
006
1710

STN NO 29 LAT LONG U.T.M. 18 0450150.0 5000900.0 4 REGION 04 MILEAGE 24.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
14 01 75 0840			.3		26101	4		390.	128.	96.		0.0	10.0	1.0
03 02 75 1025			.3		26121	4		360.	88.	28.		0.0	10.0	1.0
10 03 75 0950			.3		26141	4		250.	80.	4.		0.0	10.0	1.0
01 04 75 0830			.3		26161	6		120.	8.	24.		0.0	10.0	0.6
30 04 75 0910			.3		26181	6 3		10. L	1.	1.		10.0	9.0	1.3
09 06 75 0825			.3		26201	6 8		60.	56.	8.		18.0	9.0	0.4
14 07 75 0910			.3		26221	5 8		10. L	1.	1.		24.0	9.0	4.6
05 08 75 0830			.3		26241	5 8		20.	1.	1.		26.0	8.0	2.8
02 09 75 0830			.3		26261	8 6		60.	10. L	10. L		19.0	7.0	1.4
07 10 75 0820			.3		26281	6		10.	10. L	10.		12.0	8.0	1.2
03 11 75 0830			.3		26301	6		240.	20.	1.		9.0	9.0	1.4
01 12 75 0900			.3		26321	6		120.	10. L	10. L		1.0	12.0	1.0
MAXIMUM								390.	128.	96.		26.0	12.0	4.6
AVG OR GEOM MN (*)								67.* D	12.* D	6.* D		9.9	9.3	1.5
MINIMUM								10.	1.	1.		0.0	7.0	0.4
NO OF SAMPLES								12	12	12		12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
14 01 75 0840			.3		0.062	0.031	0.15	0.85	0.006	0.150	2.00	360	11.	
03 02 75 1025			.3		0.032	0.020	0.11	0.66	0.005	0.200	1.30	362	9.	
10 03 75 0950			.3		0.039	0.023	0.19	0.70	0.006	0.170	1.80	395	10.	
01 04 75 0830			.3		0.031	0.012	0.04	0.49	0.005	0.170	1.90	280	7.	
30 04 75 0910			.3		0.026	0.003	0.02	0.44	0.004	0.010L	1.60	105	4.	
09 06 75 0825			.3		0.076	0.034	0.01	0.71	0.002	0.010	2.00	320	5.	
14 07 75 0910			.3		0.090	0.004	0.19	1.20	0.004	0.010L	5.60	170	5.	
05 08 75 0830			.3		0.090	0.013	0.23	1.50	0.006	0.010L	3.30	170	5.	
02 09 75 0830			.3		0.058	0.009	0.03	0.88	0.003	0.010L	2.20	180	5.	
07 10 75 0820			.3		0.033	0.003	0.01	0.63	0.005	0.010L	1.40	215	5.	
03 11 75 0830			.3		0.032	0.008	0.01	0.70	0.004	0.020	1.60	310	88.	
01 12 75 0900			.3		0.022	0.002	0.02	0.69	0.007	0.180	2.10	344	83.	
MAXIMUM					0.090	0.034	0.23	1.50	0.007	0.200	5.60	395	88.	
AVG OR GEOM MN (*)					0.049	0.014	0.08	0.79	0.005	0.079D	2.23	268	19.	
MINIMUM					0.022	0.002	0.01	0.44	0.002	0.010	1.30	105	4.	
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	

SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

B.O.W./ SITE: RIDEAU RIVER
SAMPLE POINT: AT HOG'S BACK ROAD OTTAWA
STATION TYPE: RIVER

STATION ID: 18-0033-031-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: RIDEAU RIVER

STORET CODE: 02
006
1710

STN NO 31   LAT   LONG   U.T.M. 18 0445400.0 5024150.0 4   REGION 04   MILEAGE 7.10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
14 01 75 1025			.3		26104	6		830.	120.	600. G		0.0	11.0	1.0
03 02 75 1145			.3		26124	6		80.	10.	10. L		0.0	12.0	1.0
10 03 75 1125			.3		26144	6		20.	12.	4.		0.0	12.0	0.8
01 04 75 0925			.3		26164	6		70.	10. L	60.		0.0	9.0	0.8
30 04 75 1145			.3		26184	6		10. L	1.	4.		11.0	11.0	1.5
09 06 75 0945			.3		26204	6		80.	4.	12.		19.0	8.0	1.4
14 07 75 1035			.3		26224	5		10.	4.	4.		25.0	8.0	2.2
05 08 75 1010			.3		26244	6		60.	4.	4.		26.0	8.0	1.0
02 09 75 1115			.3		26264	6		76.	4.	1.		19.0	7.0	0.8
07 10 75 1115			.3		26284	6		30.	1.	1.		13.0	9.0	1.0
03 11 75 1015			.3		26304	6		270.	16.	4.		9.0	9.0	1.2
01 12 75 1025			.3		26324	6		530.	90.	50.		2.0	11.0	1.2
MAXIMUM								830.	120.	600.		26.0	12.0	2.2
AVG OR GEOM MN (*)								70.* D	8.* D	9.* E		10.3	9.6	1.2
MINIMUM								10.	1.	1.		0.0	7.0	0.8
NO OF SAMPLES								12	12	12		12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
14 01 75 1025			.3		0.062	0.027	0.13	0.82	0.007	0.280	4.40	405	16.	
03 02 75 1145			.3		0.036	0.019	0.10	0.65	0.004	0.280	1.40	380	11.	
10 03 75 1125			.3		0.041	0.024	0.20	0.69	0.007	0.220	2.80	355	13.	
01 04 75 0925			.3		0.048	0.017	0.05	0.56	0.007	0.220	2.30	310	9.	
30 04 75 1145			.3		0.030	0.002	0.01	0.45	0.004	0.010L	2.80	215	5.	
09 06 75 0945			.3		0.050	0.010	0.01 L	0.58	0.005	0.020	2.60	270	9.	
14 07 75 1035			.3		0.071	0.015	0.12	0.88	0.004	0.050	3.00	215	8.	
05 08 75 1010			.3		0.098	0.085	0.13	1.40	0.003	0.010	1.90	205	8.	
02 09 75 1115			.3		0.075	0.035	0.12	0.83	0.010	0.060	3.10	225	9.	
07 10 75 1115			.3		0.041	0.006	0.01 L	0.62	0.006	0.060	1.90	230	8.	
03 11 75 1015			.3		0.044	0.007	0.02	0.66	0.006	0.110	3.50	315	12.	
01 12 75 1025			.3		0.040	0.005	0.02	0.78	0.008	0.260	4.40	375	14.	
MAXIMUM					0.098	0.085	0.20	1.40	0.010	0.280	4.40	405	16.	
AVG OR GEOM MN (*)					0.053	0.021	0.08 D	0.74	0.006	0.132D	2.84	292	10.	
MINIMUM					0.030	0.002	0.01	0.45	0.003	0.010	1.40	205	5.	
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	

SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: RIDEAU RIVER
SAMPLE POINT: ST. PATRICK STREET BRIDGE OTTAWA
STATION TYPE: RIVER

STATION ID: 18-0033-034-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: RIDEAU RIVER

STORET CODE: 02
006
1710

STN NO 34 LAT LONG U.T.M. 18 0446900.0 5031525.0 4 REGION 04 MILEAGE 1.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
25 02 75 1515			.3		24027	4	609.	490.	50.	110.		0.1	13.9	1.6
25 03 75 1425			.3		24055	6	5720.	210.	20.	60.		1.0	10.8	1.2
21 05 75 1275			.3		24805	6 8	698.					28.0	5.5	0.8
11 06 75 1440			.3		24954	5	449.	70.	10. L	10. L				0.2
29 07 75 1250			.3		24841	5 8	299.	220.	10.	10. L				1.0
26 08 75 1215			.3		24888	5	201.	920.	300.	20.		22.0	6.5	1.8
23 09 75 1325			.3		24535	5	420.	220.	30.	20.		15.0	10.8	0.8
MAXIMUM							5720.	920.	300.	110.		28.0	13.9	1.8
AVG OR GEOM MN (*)							1199.	262.*	31.* D	25.* D		13.2	9.5	1.1
MINIMUM							201.	70.	10.	10.		0.1	5.5	0.2
NO OF SAMPLES							7	6	6	6		5	5	7

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
25 02 75 1515			.3		0.066	0.007	0.24	0.80	0.018	0.350	16.00	520	60.	7.8
25 03 75 1425			.3		0.087	0.027	0.11	0.69	0.009	0.380	6.90	290	17.	7.3
21 05 75 1275			.3		0.033	0.007	0.02	0.57	0.004	0.010L	2.10	260	10.	8.1
11 06 75 1440			.3		0.046	0.014	0.02	0.88	0.006	0.010L	1.50	290	16.	8.3
29 07 75 1250			.3		0.060	0.027	0.02	0.74	0.033	0.090	2.00	244	14.	7.8
26 08 75 1215			.3		0.056	0.031	0.05	0.82	0.035	0.200	1.00	250	13.	7.7
23 09 75 1325			.3		0.058	0.028	0.04	0.74	0.019	0.150	1.90	215	9.	8.0
MAXIMUM					0.087	0.031	0.24	0.88	0.035	0.380	16.00	520	60.	8.3
AVG OR GEOM MN (*)					0.058	0.020	0.07	0.75	0.018	0.170D	4.49	296	19.	7.9
MINIMUM					0.033	0.007	0.02	0.57	0.004	0.010	1.00	215	9.	7.3
NO OF SAMPLES					7	7	7	7	7	7	7	7	7	7

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
25 02 75 1515			.3		24027	2.	149	172		1.10	20	1.	0.1	2.60
25 03 75 1425			.3		24055	8.	113	130		0.90	40		0.1L	1.80
21 05 75 1275			.3		24805	2.	110	131		0.20	40	1. L	0.1	0.85
11 06 75 1440			.3		24954	0.	116	137		1.20	25	1. L	0.1	1.30
29 07 75 1250			.3		24841	3.	90		113.	0.20	20	0.0L	0.1	1.70
26 08 75 1215			.3		24888	5.	95		117.	0.06	15	1. L	0.1	0.70
23 09 75 1325			.3		24535	3.	87		105.	0.21	15	1. L	0.2	0.80
MAXIMUM						8.	149	172	117.	1.20	40	1.	0.2	2.60
AVG OR GEOM MN (*)						3.	109	143	111.	0.55	25	0.8D	0.1D	1.39
MINIMUM						0.	87	130	105.	0.06	15	0.0	0.1	0.70
NO OF SAMPLES						7	7	4	3	7	7	6	7	7

CONT'D

B.O.W./ SITE: RIDEAU RIVER
SAMPLE POINT: ST. PATRICK STREET BRIDGE OTTAWA
STATION TYPE: RIVER

STATION ID: 18-0033-034-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: RIDEAU RIVER

STORET CODE: 02
006
1710

STN NO 34 LAT LONG U.T.M. 18 0446900.0 5031525.0 4 REGION 04 MILEAGE 1.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
25 02 75 1515			.3		24.	340.	26.	314		2.6	35.00			20
25 03 75 1425			.3		9.	210.	21.		189	1.9	10.50			40
21 05 75 1275			.3		12.	172.	3.		169	1.3	5.00			30
11 06 75 1440			.3		18.	192.	3.		189	1.4	8.20			20
29 07 75 1250			.3		15.	162.	4.		158	1.1	8.00			30
26 08 75 1215			.3		15.	166.	3.		163	1.3	7.90			29
23 09 75 1325			.3		15.	143.	3.		140	0.7	6.20			16
MAXIMUM					24.	340.	26.	314	189	2.6	35.00			40
AVG OR GEOM MN (*)					15.	197.	9.	314	168	1.5	11.54			26
MINIMUM					9.	143.	3.	314	140	0.7	5.00			16
NO OF SAMPLES					7	7	7	1	6	7	7			7

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	203 TOTAL ALUMINUM MG/L	265 TOTAL ARSENIC MG/L	64 CALCIUM MG/L	72 TOTAL CALCIUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	272 SIMPLE CYANIDE MG/L	215 TOTAL CADMIUM MG/L	229 TOTAL LEAD MG/L
25 02 75 1515			.3		24027	0.37		48.0			0.05 L			
25 03 75 1425			.3		24055	0.59		35.0			0.05 L			
21 05 75 1275			.3		24805	0.12		36.4			0.03 L			
11 06 75 1440			.3		24954			37.0						
29 07 75 1250			.3		24841	0.16			27.0		0.03 L			
26 08 75 1215			.3		24888	0.03			28.0		0.03 L			
23 09 75 1325			.3		24535	0.13			26.0		0.03			
MAXIMUM						0.59		48.0	28.0		0.05			
AVG OR GEOM MN (*)						0.23		39.1	27.0		0.04 D			
MINIMUM						0.03		35.0	26.0		0.03			
NO OF SAMPLES						6		4	3		6			

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	65 MAG NESIUM MG/L	74 TOT. MAG NESIUM MG/L	200 MANGNESE MN MG/L	235 TOTAL MERCURY UG/L	238 TOTAL NICKEL MG/L	249 TOTAL ZINC MG/L	217 TOTAL COBALT MG/L	218 BARIUM MG/L	219 SELENIUM MG/L	361 SOLVENT EXTRBLES MG/L
25 02 75 1515			.3		13.0		0.04		0.07 L	0.050L				
25 03 75 1425			.3		10.0		0.05		0.07	0.060				
21 05 75 1275			.3		10.0		0.04		0.04 L	0.030L				
11 06 75 1440			.3		45.0									
29 07 75 1250			.3			11.00	0.03		0.04 L	0.030L				
26 08 75 1215			.3			11.50	0.02		0.03 L	0.020L				
23 09 75 1325			.3			10.00	0.03		0.01 L	0.010L				
MAXIMUM					45.0	11.50	0.05		0.07	0.060				
AVG OR GEOM MN (*)					19.5	10.83	0.04		0.04 D	0.033D				
MINIMUM					10.0	10.00	0.02		0.01	0.010				
NO OF SAMPLES					4	3	6		6	6				

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SAMPLE INFORMATION SYSTEM        STATION SUMMARY REPORT - RIVER BASINS
                                                                                   DATE OF REPORT  28 OCT 77
 B.O.W./ SITE: RIVIERE ROUGE
 SAMPLE POINT: AT HIGHWAY NO 8 CALUMET P.Q.                                         STATION ID:  18-1560-010-02
 STATION TYPE: RIVER
                                                     MAJOR BASIN: GREAT LAKES
                                                     MINOR BASIN: OTTAWA RIVER                STORET CODE: 02
                                                     TERM STREAM: ROUGE RIVER                              006
                                                                                                           0640
STN NO    10     LAT          LONG                   U.T.M. 18 0524050.0 5054300.0 4    REGION 04          MILEAGE   0.30

SAMP DTE HOUR  STN   STN SAMP  PJ        934        901        444         80         81         84         88        805          3          1
DY MO YR LMT   DIST BRG DEPTH         SAMPLE        SCD   FLOW CFS      TOTAL      FECAL       M.F.     PSEUD.      WATER      DISS.      5-DAY
               FEET      MTRS             NO                         COLIFORM   COLIFORM     ENTER.        MPA      TEMP.         O2        BOD
                                                                     MF/100ML   MF/100ML   MF/100ML   MF/100ML      DEG C       MG/L       MG/L
24 03 75 1730              .3          24045          6                   10.        10.        10.                   0.2        6.2        0.4
20 05 75 1820              .3          24799          6                  100. L      50.        10. L                                       1.6
10 06 75 1825              .3          24947          6                 2240.       220.        20.                                         0.2
28 07 75 1725              .3          24834          6                 1140.       380.        10.                                         1.2
25 08 75 1620              .3          24881          6                  150.        60.        20.                  18.8       10.4
22 09 75 1640              .3          24528          6                  240.       100.        50.                                         0.6

                      MAXIMUM                                           2240.       380.        50.                  18.8       10.4        1.6
           AVG OR GEOM MN (*)                                           212.* D     79.*       16.* D                 9.5        8.3        0.8
                      MINIMUM                                             10.        10.        10.                   0.2        6.2        0.2

                NO OF SAMPLES                                               6          6          6                     2          2          5


SAMP DTE HOUR  STN   STN SAMP  PJ         33         34         19         20         21         22         16         14         56         55
DY MO YR LMT   DIST BRG DEPTH          TOTAL   FILTERED   FILTERED      TOTAL    NITRITE    NITRATE      TURB.      COND.   CHLORIDE         PH
               FEET      MTRS              P   REACTIVE    AMMONIA   KJELDAHL      NO2-N      NO3-N   FORMAZIN        25C       MG/L     AT LAB
                                        MG/L     P MG/L       MG/L       MG/L       MG/L       MG/L      UNITS      UMHOS
24 03 75 1730              .3          0.030      0.006       0.03       0.40      0.006      0.530       6.40        150         3.
20 05 75 1820              .3          0.020      0.004       0.23       0.64      0.005      0.080       2.00         84         3.
10 06 75 1825              .3          0.026      0.003       0.01 L     0.33      0.004      0.050       2.60        116         2.
28 07 75 1725              .3          0.014      0.010       0.01 L     0.28      0.005      0.070       4.40        170         5.
25 08 75 1620              .3
22 09 75 1640              .3          0.011      0.002       0.01 L     0.27      0.003      0.030       2.00        210         6.

                      MAXIMUM          0.030      0.010       0.23       0.64      0.006      0.530       6.40        210         6.
           AVG OR GEOM MN (*)          0.020      0.005       0.06 D     0.38      0.005      0.152       3.48        146         3.
                      MINIMUM          0.011      0.002       0.01       0.27      0.003      0.030       2.00         84         2.

                NO OF SAMPLES              5          5          5          5          5          5          5          5          5
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SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: SOUTH NATION RIVER
SAMPLE POINT: HIGHWAY 17 PLANTAGENET
STATION TYPE: RIVER

STATION ID: 18-2070-020-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: SOUTH NATION RIVER

STORET CODE: 02
006
1170

STN NO 20 LAT LONG U.T.M. 18 0495000.0 5044875.0 4 REGION 04 MILEAGE 6.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
25 02 75 1000			.3		24020	4	319.	1000.	100.	100.		0.1	12.2	1.1
25 03 75 0715			.3		24046	4	8720.					0.5	12.8	2.2
21 05 75 0840			.3		24800	8 6	217.	100. L	10. L	10. L				1.2
11 06 75 0900			.3		24949	5	560.	3000.	30.	100. L				1.2
29 07 75 0825			.3		24836	5	90.2	100.	10. L	10. L				1.4
26 08 75 0830			.3		24883	5	27.6	1110.	390.	10. L		21.0	9.1	
23 09 75 0845			.3		24530	5	114.	100. L	60.	100. L		14.9	11.5	3.2
MAXIMUM							8720.	3000.	390.	100.		21.0	12.8	3.2
AVG OR GEOM MN (*)							1435.4	386.* D	44.* D	32.* D		9.1	11.4	1.7
MINIMUM							27.6	100.	10.	10.		0.1	9.1	1.1
NO OF SAMPLES							7	6	6	6		4	4	6

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
25 02 75 1000			.3		0.100	0.057	0.19	0.90	0.016	0.760	19.00	650	80.	7.8
25 03 75 0715			.3		0.220	0.077	0.18	0.96	0.019	0.840	3.60	208	9.	6.8
21 05 75 0840			.3		0.058	0.016	0.09	0.74	0.005	0.100	8.80	385	22.	
11 06 75 0900			.3		0.150	0.064	0.10	1.20	0.052	1.500	4.60	330	22.	7.6
29 07 75 0825			.3		0.110	0.044	0.10	0.86	0.008	0.010	23.00	352	25.	8.1
26 08 75 0830			.3											
23 09 75 0845			.3		0.088	0.015	0.06	0.72	0.010	0.040	8.60	405	42.	7.6
MAXIMUM					0.220	0.077	0.19	1.20	0.052	1.500	23.00	650	80.	8.1
AVG OR GEOM MN (*)					0.121	0.046	0.12	0.90	0.018	0.542	11.27	388	33.	7.6
MINIMUM					0.058	0.015	0.06	0.72	0.005	0.010	3.60	208	9.	6.8
NO OF SAMPLES					6	6	6	6	6	6	6	6	6	5

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
25 02 75 1000			.3		24020	2.	161	192		1.70	60	1. L	0.1	4.50
25 03 75 0715			.3		24046	10.	75	96		3.70	100		0.1L	1.00
21 05 75 0840			.3		24800									
11 06 75 0900			.3		24949	5.	103	138		2.70	70G	1. L		
29 07 75 0825			.3		24836	1.	123		147.	1.30	45	0.0L	0.2	0.62
23 09 75 0845			.3		24530	2.	114		123.	0.73	30	1. L	0.2	2.20
MAXIMUM						10.	161	192	147.	3.70	100	1.	0.2	4.50
AVG OR GEOM MN (*)						4.	115	142	135.	2.03	61U	0.8D	0.2D	2.08
MINIMUM						1.	75	96	123.	0.73	30	0.0	0.1	0.62
NO OF SAMPLES						5	5	3	2	5	5	4	4	4

CONT'D

B.O.W./ SITE: SOUTH NATION RIVER
SAMPLE POINT: HIGHWAY 17 PLANTAGENET
STATION TYPE: RIVER

STATION ID: 18-2070-020-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: SOUTH NATION RIVER

STORET CODE: 02
006
1170

STN NO 20 LAT LONG U.T.M. 18 0495000.0 5044875.0 4 REGION 04 MILEAGE 6.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
25 02 75 1000			.3		53.	420.	17.	403		3.1	66.00			40
25 03 75 0715			.3		12.	221.	86.		135	2.6	5.90			30
21 05 75 0840			.3			259.	9.		250					
11 06 75 0900			.3			310.	20.	290						
29 07 75 0825			.3		28.	235.	5.		230	2.8	20.00			20L
23 09 75 0845			.3		25.	305.	21.		284	3.7	34.00			33
MAXIMUM					53.	420.	86.	403	284	3.7	66.00			40
AVG OR GEOM MN (*)					29.	291.	26.	347	225	3.1	31.48			31D
MINIMUM					12.	221.	5.	290	135	2.6	5.90			20
NO OF SAMPLES					4	6	6	2	4	4	4			4

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	203 TOTAL ALUMINUM MG/L	265 TOTAL ARSENIC MG/L	64 CALCIUM MG/L	72 TOTAL CALCIUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	272 SIMPLE CYANIDE MG/L	215 TOTAL CADMIUM MG/L	229 TOTAL LEAD MG/L
25 02 75 1000			.3		24020	1.20		56.0			0.07			
25 03 75 0715			.3		24046	4.20		28.0			0.05 L			
29 07 75 0825			.3		24836	1.90			39.0		0.03			
23 09 75 0845			.3		24530	1.10			31.0		0.01 L			
MAXIMUM						4.20		56.0	39.0		0.07			
AVG OR GEOM MN (*)						2.10		42.0	35.0		0.04 D			
MINIMUM						1.10		28.0	31.0		0.01			
NO OF SAMPLES						4		2	2		4			

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	65 MAG NESIUM MG/L	74 TOT. MAG NESIUM MG/L	200 MANGNESE MN MG/L	235 TOTAL MERCURY UG/L	238 TOTAL NICKEL MG/L	249 TOTAL ZINC MG/L	217 TOTAL COBALT MG/L	218 BARIUM MG/L	219 SELENIUM MG/L	361 SOLVENT EXTRBLES MG/L
25 02 75 1000			.3		13.0		0.04		0.07 L	0.050L				
25 03 75 0715			.3		6.0		0.10		0.06	0.060				
29 07 75 0825			.3			12.00	0.05		0.04 L	0.030L				
23 09 75 0845			.3			11.00	0.04		0.02 L	0.010L				
MAXIMUM					13.0	12.00	0.10		0.07	0.060				
AVG OR GEOM MN (*)					9.5	11.50	0.06		0.05 D	0.038D				
MINIMUM					6.0	11.00	0.04		0.02	0.010				
NO OF SAMPLES					2	2	4		4	4				

SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: SCOTCH RIVER EAST
SAMPLE POINT: AT CONCESSION 17 DOWNSTREAM FROM ST. ISIDORE
STATION TYPE: RIVER

STATION ID: 18-2070-040-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: SOUTH NATION RIVER

STORET CODE: 02
006
1170

STN NO 40 LAT LONG U.T.M. 18 0505850.0 5025275.0 4 REGION 04 MILEAGE 30.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
25 02 75 1105			.3		24022	6	25.0	16000.	1100.	670.		0.2	12.2	5.4
21 05 75 0920			.3		24802	8 6	7.9	800.	100. L	10. L				1.4
11 06 75 0955			.3		24951	6 8	7.7	10900E+1	2900.	1350.				0.6
29 07 75 0900			.3		24837	5 0	1.8	1100.	360.	140.				3.0
26 08 75 0910			.3		24884	5 0	0.32					21.3	1.8	
23 09 75 0935			.3		24531	5	1.9	4000.	200.	200.		13.2	8.8	3.0
MAXIMUM							25.0	10900E+1	2900.	1350.		21.3	12.2	5.4
AVG OR GEOM MN (*)							7.44	5723.*	470.* D	191.* D		11.6	7.6	2.7
MINIMUM							0.32	800.	100.	10.		0.2	1.8	0.6
NO OF SAMPLES							6	5	5	5		3	3	5

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
25 02 75 1105			.3		0.330	0.110	0.85	2.90	0.023	0.930	35.00	493	40.	
21 05 75 0920			.3		0.150	0.075	0.08	0.92	0.030	0.080	40.00	400	11.	
11 06 75 0955			.3		0.170	0.110	0.07	0.81	0.013	0.030	5.40	410	9.	
29 07 75 0900			.3		0.180	0.053	0.02	0.90	0.026	0.200	38.00	337	8.	
26 08 75 0910			.3											
23 09 75 0935			.3		0.330	0.190	0.60	1.50	0.036	0.040	23.00	550	37.	
MAXIMUM					0.330	0.190	0.85	2.90	0.036	0.930	40.00	550	40.	
AVG OR GEOM MN (*)					0.232	0.108	0.32	1.41	0.026	0.256	28.28	438	21.	
MINIMUM					0.150	0.053	0.02	0.81	0.013	0.030	5.40	337	8.	
NO OF SAMPLES					5	5	5	5	5	5	5	5	5	

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SAMPLE INFORMATION SYSTEM        STATION SUMMARY REPORT - RIVER BASINS                          DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: SCOTCH RIVER EAST                                                                  STATION ID:  18-2070-060-02
 SAMPLE POINT: AT CONCESSION 19 UPSTREAM FROM ST. ISIDORE
 STATION TYPE: RIVER
                                                            MAJOR BASIN: GREAT LAKES                     STORET CODE: 02
                                                            MINOR BASIN: OTTAWA RIVER                                 006
                                                            TERM STREAM: SOUTH NATION RIVER                           1170

STN NO     60        LAT                LONG               U.T.M. 18 0507200.0 5024300.0 4    REGION 04          MILEAGE   31.70


                                        934      901      444        80        81        84        88        805        3          1
SAMP DTE HOUR  STN  STN SAMP  PJ      SAMPLE       SCD  FLOW CFS    TOTAL     FECAL      M.F.    PSEUD.     WATER     DISS.      5-DAY
DY MO YR LMT   DIST BRG DEPTH             NO                     COLIFORM  COLIFORM    ENTER.       MPA     TEMP.       02         BOD
               FEET        MTRS                                  MF/100ML  MF/100ML  MF/100ML  MF/100ML    DEG C      MG/L       MG/L

25 02 75 1050                .3       24021    6                  7000.     1860.     1420.               0.3       12.5        5.2
25 03 75 0845                .3       24047    4                   100.  L   100.      140.               0.8       10.4        1.0
21 05 75 0911                .3       24801    6                   100.      100.       10.                                     0.8
11 06 75 0935                .3       24950    6                   490.      250.       50.                                     0.4
29 07 75 0915                .3       24838    5                                                                              100.0
26 08 75 0920                .3       24885    6                  1200.      300.      280.              19.8        6.9
23 09 75 0940                .3       24532    5                  1400.      260.      340.              13.0       11.8        1.4


                        MAXIMUM                                   7000.     1860.     1420.              19.8       12.5      100.0
             AVG OR GEOM MN (*)                                    621.* D   267.*     145.*              8.5       10.4       18.1
                        MINIMUM                                    100.      100.       10.               0.3        6.9        0.4

                   NO OF SAMPLES                                      6         6         6                 4          4          6




                                       33        34         19         20        21        22         16        14         56         55
SAMP DTE HOUR  STN  STN SAMP  PJ      TOTAL  FILTERED   FILTERED      TOTAL   NITRITE   NITRATE      TURB.     COND.   CHLORIDE         PH
DY MO YR LMT   DIST BRG DEPTH             P  REACTIVE   AMMONIA   KJELDAHL     NO2-N     NO3-N   FORMAZIN      25C       MG/L     AT LAB
               FEET        MTRS        MG/L    P MG/L      MG/L       MG/L      MG/L      MG/L      UNITS    UMHOS

25 02 75 1050                .3       0.210     0.081      0.85       2.10     0.023     0.850      16.00      465        13.
25 03 75 0845                .3       0.089     0.048      0.08       0.53     0.016     0.470       7.70      258         7.
21 05 75 0911                .3       0.110     0.033      0.02       0.80     0.005     0.005      30.00      350         4.
11 06 75 0935                .3       0.069     0.030      0.02       0.73     0.006     0.010L      3.70      330         4.
29 07 75 0915                .3       2.300     1.900      0.80       3.10     0.006     0.010      10.00      472        33.
26 08 75 0920                .3
23 09 75 0940                .3       0.092     0.022      0.01       0.68     0.007     0.010L     20.00      575        41.


                        MAXIMUM       2.300     1.900      0.85       3.10     0.023     0.850      30.00      575        41.
             AVG OR GEOM MN (*)       0.478     0.352      0.30       1.32     0.011     0.226D     14.57      408        17.
                        MINIMUM       0.069     0.022      0.01       0.53     0.005     0.005       3.70      258         4.

                   NO OF SAMPLES         6         6          6          6         6         6          6        6          6
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SAMPLE INFORMATION SYSTEM　　STATION SUMMARY REPORT - RIVER BASINS　　DATE OF REPORT 28 OCT 77

STATION ID: 18-2070-100-02

B.O.W./ SITE: SOUTH NATION RIVER
SAMPLE POINT: AT DAM DOWNSTREAM OF CASSELMAN
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: SOUTH NATION RIVER

STORET CODE: 02
006
1170

STN NO 100　　LAT　　LONG　　U.T.M. 18 0492700.0 5018125.0 4　　REGION 04　　MILEAGE 39.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
21 01 75 1000			.3		24005	6		15000. G	2700.	60.		0.2	8.6	1.2
25 02 75 1130			.3		24023	6		17000E+1	20100.	1500. G		0.5	10.4	6.6
25 03 75 1005			.3		24049	6		100.	60.	60.		0.9	11.8	1.8
21 05 75 0945			.3		24803	6		300.	110.	10. L				1.0
11 06 75 1025			.3		24952	6		16800.	270.	10. L				2.0
29 07 75 0940			.3		24839	5		11100.	720.	10.				2.0
26 08 75 0950			.3		24886	5 9	0.12	4600.	100.	10.		21.8	6.5	
23 09 75 1010			.3		24533	5	112.	24000.	6400.	50.				1.6
MAXIMUM							112.	17000E+1	20100.	1500.		21.8	11.8	6.6
AVG OR GEOM MN (*)							56.06	5953.* U	678.*	36.* E		5.9	9.3	2.3
MINIMUM							0.12	100.	60.	10.		0.2	6.5	1.0
NO OF SAMPLES							2	8	8	8		4	4	7

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
21 01 75 1000			.3		0.130	0.073	0.18	2.30	0.014	0.670	4.60	450	14.	
25 02 75 1130			.3		0.270	0.130	0.55	1.70	0.018	0.730	24.00	610	36.	
25 03 75 1005			.3		0.120	0.055	0.11	0.69	0.016	0.650	8.80	210	6.	
21 05 75 0945			.3		0.072	0.030	0.04	0.76	0.003	0.010L	5.00	455	16.	
11 06 75 1025			.3		0.140	0.059	0.09	1.30	0.051	1.100	4.00	440	18.	
29 07 75 0940			.3		0.150	0.085	0.05	0.92	0.010	0.010	1.70	470	22.	
26 08 75 0950			.3											
23 09 75 1010			.3		0.180	0.095	0.03	0.87	0.018	0.010L	2.00	510	29.	
MAXIMUM					0.270	0.130	0.55	2.30	0.051	1.100	24.00	610	36.	
AVG OR GEOM MN (*)					0.152	0.075	0.15	1.22	0.019	0.454D	7.16	449	20.	
MINIMUM					0.072	0.030	0.03	0.69	0.003	0.010	1.70	210	6.	
NO OF SAMPLES					7	7	7	7	7	7	7	7	7	

SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: SOUTH NATION RIVER
SAMPLE POINT: AT DAM CHESTERVILLE
STATION TYPE: RIVER

STATION ID: 18-2070-110-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: SOUTH NATION RIVER

STORET CODE: 02
006
1170

STN NO 110 LAT LONG U.T.M. 18 0482150.0 4994000.0 4 REGION 04 MILEAGE 58.00

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
20 01 75	1245			.3		24003	4		360.	20.	40.		0.2	9.2	0.8
24 02 75	1245			.3		24015			1800.	220.	140.		0.8	6.0	1.6
24 03 75	1325			.3		24037	3	3220.	100. L	20.	20.		0.0	7.1	1.6
20 05 75	1210			.3		24790	5	3810.	100. L	10. L	10. L				0.8
10 06 75	1140			.3		24938	5 9		700.	60.	10. L				0.6
28 07 75	1120			.3		24825	5 9		330.	10. L	10. L				5.8
25 08 75	1040			.3		24872	5		40.	10. L	20.		21.8	9.6	
22 09 75	1055			.3		24519	- 5		1400.	190.	30.				1.6
MAXIMUM								3810.	1800.	220.	140.		21.8	9.6	5.8
AVG OR GEOM MN (*)								3515.	309.* D	32.* D	23.* D		5.7	8.0	1.8
MINIMUM								3220.	40.	10.	10.		0.0	6.0	0.6
NO OF SAMPLES								2	8	8	8		4	4	7

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
20 01 75	1245			.3		0.072	0.031	0.05	2.20	0.010	0.480	3.40	430	12.	
24 02 75	1245			.3		0.096	0.036	0.44	1.30	0.012	0.430	8.30	550	24.	
24 03 75	1325			.3		0.100	0.051	0.12	0.71	0.014	0.520	5.80	185	6.	
20 05 75	1210			.3		0.060	0.022	0.04	0.94	0.004	0.010L	5.50	405	11.	
10 06 75	1140			.3		0.065	0.014	0.06	0.96	0.006	0.010	2.00	480	16.	
28 07 75	1120			.3		0.170	0.005	0.01 L	1.80	0.002	0.010	3.10	377	20.	
25 08 75	1040			.3											
22 09 75	1055			.3		0.110	0.042	0.05	1.00	0.003	0.010L	5.60	485	43.	
MAXIMUM						0.170	0.051	0.44	2.20	0.014	0.520	8.30	550	43.	
AVG OR GEOM MN (*)						0.096	0.029	0.11 D	1.27	0.007	0.210D	4.81	416	18.	
MINIMUM						0.060	0.005	0.01	0.71	0.002	0.010	2.00	185	6.	
NO OF SAMPLES						7	7	7	7	7	7	7	7	7	

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
10 06 75	1140			.3			320.	5.	315						
28 07 75	1120			.3			258.	13.	245						
MAXIMUM							320.	13.	315						
AVG OR GEOM MN (*)							289.	9.	280						
MINIMUM							258.	5.	245						
NO OF SAMPLES							2	2	2						

SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: BEAR BROOK STATION ID: 18-2070-130-02
SAMPLE POINT: AT CARLSBAD SPRING
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES STORET CODE: 02
MINOR BASIN: OTTAWA RIVER 006
TERM STREAM: SOUTH NATION RIVER 1170

STN NO 130 LAT LONG U.T.M. 18 0462825.0 5024450.0 4 REGION 04 MILEAGE 51.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
25 02 75 1215			.3		24024	4		3200.	1380.	870.		1.3	11.7	1.7
21 05 75 1025			.3		24804	6		100. L	100. L	10. L				1.4
11 06 75 1325			.3		24953	6		300.	30.	10.				0.6
29 07 75 1040			.3		24840	5 9		1800.	70.	80.				0.6
26 08 75 1030			.3		24887	5 9		290.	120.	60.		16.9	1.6	0.4
23 09 75 1050			.3		24534	5 9		700.	30.	30.		13.6	7.6	1.8
MAXIMUM								3200.	1380.	870.		16.9	11.7	1.8
AVG OR GEOM MN (*)								572.* D	101.* D	48.* D		10.6	7.0	1.1
MINIMUM								100.	30.	10.		1.3	1.6	0.4
NO OF SAMPLES								6	6	6		3	3	6

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
25 02 75 1215			.3		0.041	0.030	0.37	0.96	0.017	0.690	12.00	1250	284.	7.4
21 05 75 1025			.3		0.140	0.032	0.07	1.20	0.008	0.010	35.00	730	145.	7.7
11 06 75 1325			.3		0.110	0.031	0.06	0.90	0.015	0.040	22.00	600	120.	7.9
29 07 75 1040			.3		0.140	0.026	0.01	1.20	0.004	0.010	19.00	1118	262.	7.6
26 08 75 1030			.3		0.010	0.001	0.01	0.26	0.009	0.030	1.00	120	1.	7.7
23 09 75 1050			.3		0.080	0.012	0.01 L	0.90	0.003	0.010L	5.80	1050	220.	7.9
MAXIMUM					0.140	0.032	0.37	1.20	0.017	0.690	35.00	1250	284.	7.9
AVG OR GEOM MN (*)					0.087	0.022	0.09 D	0.90	0.009	0.132D	15.80	811	172.	7.7
MINIMUM					0.010	0.001	0.01	0.26	0.003	0.010	1.00	120	1.	7.4
NO OF SAMPLES					6	6	6	6	6	6	6	6	6	6

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
25 02 75 1215			.3		24024	9.	133	212		1.60	50			
21 05 75 1025			.3		24804	9.	137	184		3.80	70G	1. L	0.2	1.80
11 06 75 1325			.3		24953	4.	98	168		0.45	70G	1. L	0.2	3.40
29 07 75 1040			.3		24840	7.	168		198.	1.10	35	0.0L	0.3	1.20
26 08 75 1030			.3		24887	2.	46		58.	0.14	15	1. L	0.1	2.60
23 09 75 1050			.3		24534	2.	169		212.	0.55	45	1. L	0.2	0.80
MAXIMUM						9.	169	212	212.	3.80	70	1.	0.3	3.40
AVG OR GEOM MN (*)						5.	125	188	156.	1.27	48U	0.8D	0.2	1.96
MINIMUM						2.	46	168	58.	0.14	15	0.0	0.1	0.80
NO OF SAMPLES						6	6	3	3	6	6	5	5	5

CONT'D

B.O.W./ SITE: BEAR BROOK
SAMPLE POINT: AT CARLSBAD SPRING
STATION TYPE: RIVER

STATION ID: 18-2070-130-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: SOUTH NATION RIVER

STORET CODE: 02
006
1170

STN NO 130 LAT LONG U.T.M. 18 0462825.0 5024450.0 4 REGION 04 MILEAGE 51.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
25 02 75 1215			.3			760.	21.	739						
21 05 75 1025			.3		43.	580.	47.	533		4.3	92.00			30
11 06 75 1325			.3		44.	450.	21.	429		3.3	64.00			30
29 07 75 1040			.3		33.	678.	27.	651		4.9	150.00			20L
26 08 75 1030			.3		9.	79.	1.		78	1.0	1.50			20L
23 09 75 1050			.3		43.	636.	15.	621		6.0	135.00			66
MAXIMUM					44.	760.	47.	739	78	6.0	150.00			66
AVG OR GEOM MN (*)					34.	530.	22.	595	78	3.9	88.50			33D
MINIMUM					9.	79.	1.	429	78	1.0	1.50			20
NO OF SAMPLES					5	6	6	5	1	5	5			5

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	203 TOTAL ALUMINUM MG/L	265 TOTAL ARSENIC MG/L	64 CALCIUM MG/L	72 TOTAL CALCIUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	272 SIMPLE CYANIDE MG/L	215 TOTAL CADMIUM MG/L	229 TOTAL LEAD MG/L
21 05 75 1025			.3		24804	2.80		46.4			0.05 L			
11 06 75 1325			.3		24953			43.0						
29 07 75 1040			.3		24840	1.30			48.0		0.04			
26 08 75 1030			.3		24887	0.25			17.8		0.03 L			
23 09 75 1050			.3		24534	0.64			51.0		0.01			
MAXIMUM						2.80		46.4	51.0		0.05			
AVG OR GEOM MN (*)						1.25		44.7	38.9		0.03 D			
MINIMUM						0.25		43.0	17.8		0.01			
NO OF SAMPLES						4		2	3		4			

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	65 MAG NESIUM MG/L	74 TOT. MAG NESIUM MG/L	200 MANGNESE MN MG/L	235 TOTAL MERCURY UG/L	238 TOTAL NICKEL MG/L	249 TOTAL ZINC MG/L	217 TOTAL COBALT MG/L	218 BARIUM MG/L	219 SELENIUM MG/L	361 SOLVENT EXTRBLES MG/L
21 05 75 1025			.3		17.0		0.31		0.04 L	0.030				
11 06 75 1325			.3		15.0									
29 07 75 1040			.3			19.00	0.18		0.05	0.030L				
26 08 75 1030			.3			3.20	0.02 L		0.03 L	0.020L				
23 09 75 1050			.3			20.50	0.20		0.01 L	0.010L				
MAXIMUM					17.0	20.50	0.31		0.05	0.030				
AVG OR GEOM MN (*)					16.0	14.23	0.18 D		0.03 D	0.023D				
MINIMUM					15.0	3.20	0.02		0.01	0.010				
NO OF SAMPLES					2	3	4		4	4				

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SAMPLE INFORMATION SYSTEM       STATION SUMMARY REPORT - RIVER BASINS                        DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: RIVIERE DU LIEVRE                                                                STATION ID:  18-2400-090-82
 SAMPLE POINT: ROAD BRIDGE IN BUCKINGHAM
 STATION TYPE: RIVER COMPOSITE                         MAJOR BASIN: GREAT LAKES                           STORET CODE: 02
                                                       MINOR BASIN: OTTAWA RIVER                                       006
                                                       TERM STREAM: LIEVRE RIVER                                       1400

STN NO     90      LAT               LONG                U.T.M. 18 0467275.0 5047900.0 4     REGION 04            MILEAGE    4.90


                                    934       901       444        80        81        84        88       805         3          1
SAMP DTE HOUR  STN  STN SAMP  PJ   SAMPLE        SCD  FLOW CFS     TOTAL     FECAL      M.F.    PSEUD.     WATER     DISS.      5-DAY
DY MO YR LMT   DIST BRG DEPTH          NO                       COLIFORM  COLIFORM    ENTER.       MPA     TEMP.        O2        BOD
               FEET      MTRS                                   MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L       MG/L

21 01 75 1215              .3      24006    6 8                  210.       60.       10.  L               0.4      12.2        0.6
25 02 75 1410              .3      24026    4                    290.       30.       70.                  0.2      13.8        0.5
25 03 75 1300              .3      24051    6                    500.      150.       20.                  2.0      12.8        0.2
21 05 75 1405              .3      24810    6 9                  630.       90.       20.                 14.8       4.5        0.6
11 06 75 1830              .3      24959    6                    810.      160.       20.                                       0.2
29 07 75 1550              .3      24846    5                   1500.  G    40.       20.                                       0.8
26 08 75 1510              .3      24893    5                   5800.      320.       40.                 20.0       8.3        0.6
23 09 75 1610              .3      24540    5                   1260.      150.      220.                 15.0       9.2        1.0


                     MAXIMUM                                    5800.      320.      220.                 20.0      13.8        1.0
           AVG OR GEOM MN (*)                                    802.* U    96.*      32.* D               8.7      10.1        0.6
                     MINIMUM                                     210.       30.       10.                  0.2       4.5        0.2

                NO OF SAMPLES                                        8         8         8                    6         6          8




                                     33        34        19        20        21        22        16        14        56         55
SAMP DTE HOUR  STN  STN SAMP  PJ   TOTAL  FILTERED  FILTERED     TOTAL   NITRITE   NITRATE     TURB.     COND.  CHLORIDE         PH
DY MO YR LMT   DIST BRG DEPTH          P  REACTIVE   AMMONIA  KJELDAHL     NO2-N     NO3-N  FORMAZIN       25C      MG/L     AT LAB
               FEET      MTRS       MG/L    P MG/L      MG/L      MG/L      MG/L      MG/L     UNITS     UMHOS

21 01 75 1215              .3      0.064     0.050     0.02      0.22      0.004     0.200      1.40        70        2.
25 02 75 1410              .3      0.082     0.060     0.01      0.18      0.003     0.190      2.40        60        1.
25 03 75 1300              .3      0.045     0.024     0.02      0.22      0.003     0.230      2.70        65        2.
21 05 75 1405              .3      0.066     0.028     0.01 L    0.29      0.002     0.110      2.10        49        1.
11 06 75 1830              .3      0.035     0.015     0.01 L    0.37      0.002     0.100      1.70        52        1.
29 07 75 1550              .3      0.045     0.020     0.01 L    0.23      0.003     0.020      1.60        54        1.
26 08 75 1510              .3      0.039     0.015     0.01      0.24      0.007     0.030      0.80        53        1.
23 09 75 1610              .3      0.030     0.014     0.01 L    0.27      0.006     0.140      1.30        39        1.


                     MAXIMUM       0.082     0.060     0.02      0.37      0.007     0.230      2.70        70        2.
           AVG OR GEOM MN (*)      0.051     0.028     0.01 D    0.25      0.004     0.128      1.75        55        1.
                     MINIMUM       0.030     0.014     0.01      0.18      0.002     0.020      0.80        39        1.

                NO OF SAMPLES          8         8         8         8         8         8         8         8         8
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SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

B.O.W./ SITE: RIVIERE DU LIEVRE
SAMPLE POINT: AT HYDRO DAM IN BUCKINGHAM P.Q.
STATION TYPE: RIVER

STATION ID: 18-2400-100-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: LIEVRE RIVER

STORET CODE: 02
006
1400

STN NO 100   LAT   LONG   U.T.M. 18 0467100.0 5048400.0 4   REGION 04   MILEAGE 5.20

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
25 02 75	1400			.3		24025			130.	10. L	20.		0.4	14.4	0.5
25 03 75	1315			.3		24050	6		40.	20.	10. L		1.0	11.4	0.2
21 05 75	1345			.3		24809	6		40.	10. L	10. L		15.0	5.5	0.6
11 06 75	1800			.3		24958	6		200.	10.	10. L				0.2
29 07 75	1540			.3		24845	6 9		1500. G	2040.	10. L				0.6
26 08 75	1500			.3		24892	6		210.	90.	30.		20.3	8.6	0.8
23 09 75	1600			.3		24539	6		60.	10. L	20.		15.0	9.8	0.6
				MAXIMUM					1500.	2040.	30.		20.3	14.4	0.8
				AVG OR GEOM MN (*)					134.* U	32.* D	14.* D		10.3	9.9	0.5
				MINIMUM					40.	10.	10.		0.4	5.5	0.2
				NO OF SAMPLES					7	7	7		5	5	7

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
25 02 75	1400			.3		0.012	0.006	0.02	0.20	0.003	0.190	2.50	64	1.	
25 03 75	1315			.3		0.038	0.009	0.01	0.20	0.004	0.230	2.60	66	2.	
21 05 75	1345			.3		0.021	0.002	0.01 L	0.27	0.002	0.110	2.40	50	1.	
11 06 75	1800			.3		0.015	0.003	0.01 L	0.55	0.002	0.100	1.50	56	1.	
29 07 75	1540			.3		0.012	0.002	0.01 L	0.22	0.003	0.020	2.00	54	1.	
26 08 75	1500			.3		0.010	0.006	0.02	0.22	0.004	0.050	1.10	55	1.	
23 09 75	1600			.3		0.011	0.002	0.01 L	0.24	0.004	0.100	1.40	40	1.	
				MAXIMUM		0.038	0.009	0.02	0.55	0.004	0.230	2.60	66	2.	
				AVG OR GEOM MN (*)		0.017	0.004	0.01 D	0.27	0.003	0.114	1.93	55	1.	
				MINIMUM		0.010	0.002	0.01	0.20	0.002	0.020	1.10	40	1.	
				NO OF SAMPLES		7	7	7	7	7	7	7	7	7	

SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

STATION ID: 18-2590-020-02

B.O.W./ SITE: GREEN CREEK
SAMPLE POINT: AT HIGHWAY NO 17
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: GREEN CREEK

STORET CODE: 02
006
1570

STN NO 20 LAT LONG U.T.M. 18 0454800.0 5033600.0 4 REGION 04 MILEAGE 2.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
14 01 75 1105			.3		26105	4		1100.	100.	900.		0.0	13.0	2.0
03 02 75 1220			.3		26125	4		1800.	300.	290.		0.0	12.0	4.0
10 03 75 1145			.3		26145	4		400.	290.	40.		0.0	10.0	2.4
01 04 75 0945			.3		26165	6 3		600.	150.	380.		0.0	12.0	10.0
30 04 75 1230			.3		26185	6 3 9		880.	470.	12.		12.0	10.0	1.8
09 06 75 1040			.3		26205	6 9		2000.	440.	500.		15.0	9.0	4.4
14 07 75 1130			.3		26225	6		1090.	250.	80.		23.0	7.0	1.6
05 08 75 1040			.3		26245	6		22200.	1500. G	60.		24.0	7.0	1.6
02 09 75 1200			.3		26265	6 9		10200.	5800.	15000. G		17.0	8.0	6.0
07 10 75 1140			.3		26285	6		3000.	500.	100. L		10.0	10.0	2.0
03 11 75 1040			.3		26305	6		11000.	300.	490.		10.0	10.0	2.6
01 12 75 1100			.3		26325	6 3		31000.	8500.	6700.		2.0	12.0	3.6
MAXIMUM								31000.	8500.	15000.		24.0	13.0	10.0
AVG OR GEOM MN (*)								2778.*	549.* U	301.* E		9.4	10.0	3.5
MINIMUM								400.	100.	12.		0.0	7.0	1.6
NO OF SAMPLES								12	12	12		12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
14 01 75 1105			.3		0.110	0.049	0.34	1.40	0.023	0.700	30.00	780	120.	
03 02 75 1220			.3		0.096	0.037	1.10	2.20	0.014	0.390	14.00	1040	167.	
10 03 75 1145			.3		0.090	0.041	0.75	1.50	0.017	0.510	16.00	260	246.	
01 04 75 0945			.3		0.130	0.045	0.25	1.00	0.016	0.410	33.00	530	13.	
30 04 75 1230			.3		0.068	0.015	0.25	0.82	0.025	0.330	1.50	560	17.	
09 06 75 1040			.3		0.094	0.031	0.12	1.10	0.093	1.100	50.00	800	110.	
14 07 75 1130			.3		0.110	0.012	0.01	0.58	0.025	0.460	33.00	860	120.	
05 08 75 1040			.3		0.110	0.020	0.08	0.75	0.040	0.270	1.40	1140	168.	
02 09 75 1200			.3		0.650	0.034	0.01	1.30	0.021	0.300	200.00	700	97.	
07 10 75 1140			.3		0.058	0.013	0.04	0.68	0.073	1.200	15.00	1325	4.	
03 11 75 1040			.3		0.110	0.024	0.15	1.40	0.043	0.910	48.00	860	130.	
01 12 75 1100			.3		0.530	0.150	0.26	1.60	0.039	0.910	180.00	510	80.	
MAXIMUM					0.650	0.150	1.10	2.20	0.093	1.200	200.00	1325	246.	
AVG OR GEOM MN (*)					0.180	0.039	0.28	1.19	0.036	0.624	51.83	780	106.	
MINIMUM					0.058	0.012	0.01	0.58	0.014	0.270	1.40	260	4.	
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
14 01 75 1105			.3			540.	40.	500						
03 02 75 1220			.3			680.	15. L	665						
10 03 75 1145			.3			191.	22.		169					
30 04 75 1230			.3			440.	34.	406						
09 06 75 1040			.3			570.	49.	521						
14 07 75 1130			.3			702.	43.	659						
05 08 75 1040			.3			774.	38.	736						
07 10 75 1140			.3			871.	28.	843						
03 11 75 1040			.3			644.	43.	601						
01 12 75 1100			.3			709.	302.	407						
MAXIMUM						871.	302.	843	169					
AVG OR GEOM MN (*)						612.	61. D	593	169					
MINIMUM						191.	15.	406	169					
NO OF SAMPLES						10	10	9	1					

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SAMPLE INFORMATION SYSTEM      STATION SUMMARY REPORT - RIVER BASINS                      DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: RIVIERE GATINEAU                                                                 STATION ID:  18-2660-020-82
 SAMPLE POINT: HIGHWAY 8 BRIDGE HULL
 STATION TYPE: RIVER                                        MAJOR BASIN: GREAT LAKES                           STORET CODE: 02
                                                            MINOR BASIN: OTTAWA RIVER                                       006
                                                            TERM STREAM: GATINEAU RIVIERE                                   1660

STN NO     20      LAT                LONG                 U.T.M. 18 0454775.0 5033600.0 4     REGION 04              MILEAGE    0.30

                                     934       901       444        80        81        84        88       805         3           1
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE       SCD  FLOW CFS     TOTAL     FECAL      M.F.    PSEUD.     WATER     DISS.     5-DAY
DY MO YR LMT   DIST BRG DEPTH           NO                      COLIFORM  COLIFORM    ENTER.       MPA     TEMP.        O2       BOD
               FEET      MTRS                                   MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L

21 01 75 1320              .3       24007    6                    1770.     470.     80.                    0.7      13.6        1.2
25 03 75 1200              .3       24052    4                    9000.    2800.    270.                    1.0      10.6        0.4
21 05 75 1300              .3       24808    6                   22000.    2800.    190.                              6.0        0.6
11 06 75 1700              .3       24957    6                    1400.     800.     10.                                         0.2
29 07 75 1430              .3       24844    6                    1300.     190.     40.                                         0.8
26 08 75 1405              .3       24891    5                   33000.    2100.    100.                   21.0       9.7        0.4
23 09 75 1500              .3       24538    5                    1870.    1090.     90.                   15.5       9.6        0.8


                      MAXIMUM                                    33000.    2800.    270.                   21.0      13.6        1.2
           AVG OR GEOM MN (*)                                     4534.*   1036.*    76.*                   9.6       9.9        0.6
                      MINIMUM                                     1300.     190.     10.                    0.7       6.0        0.2

                NO OF SAMPLES                                          7         7         7                   4         5         7

                                      33        34        19        20        21        22        16        14        56          55
SAMP DTE HOUR  STN  STN SAMP  PJ     TOTAL  FILTERED  FILTERED     TOTAL   NITRITE   NITRATE     TURB.     COND.  CHLORIDE          PH
DY MO YR LMT   DIST BRG DEPTH            P  REACTIVE   AMMONIA  KJELDAHL     NO2-N     NO3-N  FORMAZIN       25C      MG/L      AT LAB
               FEET      MTRS         MG/L    P MG/L      MG/L      MG/L      MG/L      MG/L     UNITS     UMHOS

21 01 75 1320              .3       0.022     0.004     0.01      0.44     0.004     0.130      1.00        60        1.
25 03 75 1200              .3       0.022     0.008     0.03      0.30     0.004     0.210      3.80        83        7.
21 05 75 1300              .3       0.024     0.011     0.03      0.28     0.002     0.070      5.40        77        2.
11 06 75 1700              .3       0.022     0.006     0.01 L    1.10     0.003     0.120      1.90        60        2.
29 07 75 1430              .3       0.019     0.005     0.01      0.27     0.004     0.070      1.60        54        1.
26 08 75 1405              .3       0.020     0.007     0.04      0.30     0.006     0.060      1.60        42        1.
23 09 75 1500              .3       0.029     0.008     0.02      0.38     0.004     0.070      1.60        55        1.


                      MAXIMUM       0.029     0.011     0.04      1.10     0.006     0.210      5.40        83        7.
           AVG OR GEOM MN (*)       0.023     0.007     0.02 D    0.44     0.004     0.104      2.41        62        2.
                      MINIMUM       0.019     0.004     0.01      0.27     0.002     0.060      1.00        42        1.

                NO OF SAMPLES           7         7         7         7         7         7         7         7         7


                                      59         5         6         7       107        67        66        45        47          41
SAMP DTE HOUR  STN  STN SAMP  PJ  SULPHATE     TOTAL     SUSP.     DISS.     DISS.   PTSSIUM    SODIUM     TOT C   ORGANIC         COD
DY MO YR LMT   DIST BRG DEPTH                 SOLIDS    SOLIDS    SOLIDS    SOLIDS         K        NA      AS C    C AS C
               FEET      MTRS         MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L        MG/L

21 01 75 1320              .3                    54.      15. L                39
25 03 75 1200              .3                    59.       5.                  54
21 05 75 1300              .3                    52.       3.                  49
11 06 75 1700              .3                    42.       3.                  39
29 07 75 1430              .3                    30.       8.                  22
26 08 75 1405              .3                    35.       4.                  31
23 09 75 1500              .3                    39.       3.                  36


                      MAXIMUM                    59.      15.                  54
           AVG OR GEOM MN (*)                    44.       5. D                39
                      MINIMUM                    30.       3.                  22

                NO OF SAMPLES                     7         7                   7
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SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: BREWERY CREEK
SAMPLE POINT: AT FOURNIER BLVD HULL P.Q.
STATION TYPE: RIVER

STATION ID: 18-2720-010-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER

STORET CODE: 02
006

STN NO 10 LAT LONG U.T.M. 18 0444300.0 5032025.0 4 REGION 04 MILEAGE 0.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
25 03 75 1145			.3		24053			90000.	23000.	9700.				5.0
21 05 75 1250			.3		24807	5		20000.	5000.	900.				9.0
11 06 75 1630			.3		24956	5 9		78000.	760.	100.				6.0
29 07 75 1410			.3		24843	5 9								4.4
26 08 75 1345			.3		24890	5 9		29000E+1	67000.	1500.		22.5	6.3	14.0
23 09 75 1440			.3		24537	5 9		19200.	7300.	600.		16.5	1.0	13.0
MAXIMUM								29000E+1	67000.	9700.		22.5	6.3	14.0
AVG OR GEOM MN (*)								60066.*	8435.*	953.*		19.5	3.7	8.6
MINIMUM								19200.	760.	100.		16.5	1.0	4.4
NO OF SAMPLES								5	5	5		2	2	6

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
25 03 75 1145			.3		0.410	0.110	2.00	3.20	0.038	1.100	22.00	1030	226.	
21 05 75 1250			.3		0.880	0.480	2.40	5.10	0.027	0.080	6.10	640	110.	
11 06 75 1630			.3		1.600	0.560	1.90	6.30	0.120	0.230	4.10	680	120.	
29 07 75 1410			.3		4.400	0.530	2.40	4.30	0.067	0.080	1.60	560	75.	
26 08 75 1345			.3		1.300	0.800	4.50	7.70	0.006	0.010L	4.00	520	68.	
23 09 75 1440			.3		0.950	0.750	4.00	4.50	0.006	0.010L	4.50	650	48.	
MAXIMUM					4.400	0.800	4.50	7.70	0.120	1.100	22.00	1030	226.	
AVG OR GEOM MN (*)					1.590	0.538	2.87	5.18	0.044	0.252D	7.05	680	107.	
MINIMUM					0.410	0.110	1.90	3.20	0.006	0.010	1.60	520	48.	
NO OF SAMPLES					6	6	6	6	6	6	6	6	6	

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
25 03 75 1145			.3			670.	34.	636						
21 05 75 1250			.3			390.	15.	375						
11 06 75 1630			.3			460.	19.	441						
29 07 75 1410			.3			430.	11.	419						
26 08 75 1345			.3			315.	15.	300						
23 09 75 1440			.3			400.	13.	387						
MAXIMUM						670.	34.	636						
AVG OR GEOM MN (*)						444.	17.	426						
MINIMUM						315.	11.	300						
NO OF SAMPLES						6	6	6						

SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

B.O.W./ SITE: WATTS CREEK
SAMPLE POINT: WEST SHIRLEYS BAY WEST END OF OTTAWA
STATION TYPE: RIVER

STATION ID: 18-2970-010-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: WATTS CREEK

STORET CODE: 02
006
2010

STN NO 10   LAT   LONG   U.T.M. 18 0430200.0 5023350.0 4   REGION 04   MILEAGE 0.30

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
26 03 75 0740			.3		24058	4						0.0	12.2	0.5
22 05 75 0805			.3		24814	5 3			4100.	3100.			3.5	5.0
12 06 75 0820			.3		24962	6		90.	150.	50.				0.6
30 07 75 0745			.3		24849	6		1500.	100. L	100. L				1.0
27 08 75 0715			.3		24896	6		10000.	100. L	100.		17.5	8.0	5.0
24 09 75 0730			.3		24543	6		300.	10.	10.		11.6	7.0	1.4
MAXIMUM								10000.	4100.	3100.		17.5	12.2	5.0
AVG OR GEOM MN (*)								798.*	144.* D	109.* D		9.7	7.7	2.3
MINIMUM								90.	10.	10.		0.0	3.5	0.5
NO OF SAMPLES								4	5	5		3	4	6

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
26 03 75 0740			.3		0.095	0.050	0.31	0.75	0.011	0.280	19.00	550	82.	
22 05 75 0805			.3		0.710	0.120	0.26	2.40	0.058	0.540	190.00	335	46.	
12 06 75 0820			.3		0.170	0.073	0.03	0.68	0.068	0.510	16.00	700	90.	
30 07 75 0745			.3		0.180	0.098	0.14	0.94	0.056	0.500	6.00	795	110.	
27 08 75 0715			.3		0.310	0.076	0.07	1.20	0.009	0.010L	55.00	760	100.	7.8
24 09 75 0730			.3		0.140	0.067	0.07	0.69	0.026	0.300	16.00	800	84.	
MAXIMUM					0.710	0.120	0.31	2.40	0.068	0.540	190.00	800	110.	7.8
AVG OR GEOM MN (*)					0.268	0.081	0.15	1.11	0.038	0.357D	50.33	657	85.	7.8
MINIMUM					0.095	0.050	0.03	0.68	0.009	0.010	6.00	335	46.	7.8
NO OF SAMPLES					6	6	6	6	6	6	6	6	6	1

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
26 03 75 0740			.3			370.	28.	342						
22 05 75 0805			.3			256.	38.		216					
12 06 75 0820			.3			710.	25.	685						
30 07 75 0745			.3			560.	16.	544						
27 08 75 0715			.3			530.	47.	483						
24 09 75 0730			.3			518.	22.	496						
MAXIMUM						710.	47.	685	216					
AVG OR GEOM MN (*)						490.	29.	510	216					
MINIMUM						256.	16.	342	216					
NO OF SAMPLES						6	6	5	1					

SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: CARP RIVER
SAMPLE POINT: AT BRIDGE EAST OF FITZROY HARBOUR
STATION TYPE: RIVER

STATION ID: 18-3370-020-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: CARP RIVER

STORET CODE: 02
006
2490

STN NO 20 LAT LONG U.T.M. 18 0405350.0 5036100.0 4 REGION 04 MILEAGE 1.10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
14 01 75 1045			.3		25109	4	203.	3100.	330.	980.		0.0	4.0	1.6
10 02 75 1145			.3		25131	4	21.1	200.	10. L	10. L		0.0	11.0	
10 03 75 1200			.3		25153	4	48.5	288.	148.	12.		0.0	9.0	1.2
14 04 75 1155			.3		25175	4	237.	8500.	52.	76.		0.0	14.0	
12 05 75 1100			.3		25197		43.6	200.	224.	1.		15.0	4.0	1.6
16 06 75 1120			.3		25219		27.4	300.	156.	20.		23.0	11.0	
14 07 75 1130			.3		25241	5	2.1	300.	50.	50.		24.0	12.0	1.2
11 08 75 1055			.3		25263		1.7	200.	40.	220.		25.0	6.0	
08 09 75 1040			.3		25285	5 7 9	1.3	300.	90.	90.		17.0	6.0	2.6
06 10 75 1045			.3		25307	7	6.1	700.	120.	20.		13.0	13.0	
10 11 75 1105			.3		25329		25.1	40.	12.	10. L		10.0	9.0	2.0
08 12 75 1200			.3		25351	4	75.5	2400.	50.	16.		0.0	12.0	
MAXIMUM							237.	8500.	330.	980.		25.0	14.0	2.6
AVG OR GEOM MN (*)							57.7	468.*	69.* D	30.* D		10.6	9.3	1.7
MINIMUM							1.3	40.	10.	1.		0.0	4.0	1.2
NO OF SAMPLES							12	12	12	12		12	12	6

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
14 01 75 1045			.3		0.120	0.038	0.12	1.00	0.014	0.710	3.00	520	35.	
10 02 75 1145			.3											
10 03 75 1200			.3		0.060	0.024	0.14	0.69	0.007	0.590	3.50	330	30.	
14 04 75 1155			.3											
12 05 75 1100			.3		0.024	0.003	0.01 L	0.48	0.002	0.010L	2.10	385	19.	
16 06 75 1120			.3											
14 07 75 1130			.3		0.046	0.040	0.01 L	0.84	0.003	0.010L	3.60	380	37.	
11 08 75 1055			.3											
08 09 75 1040			.3		0.024	0.001	0.01 L	0.88	0.002	0.010L	1.80	375	40.	
06 10 75 1045			.3											
10 11 75 1105			.3		0.026	0.002	0.01 L	0.60	0.004	0.010L	1.90	580	46.	
08 12 75 1200			.3											
MAXIMUM					0.120	0.040	0.14	1.00	0.014	0.710	3.60	580	46.	
AVG OR GEOM MN (*)					0.050	0.018	0.05 D	0.75	0.005	0.223D	2.65	428	34.	
MINIMUM					0.024	0.001	0.01	0.48	0.002	0.010	1.80	330	19.	
NO OF SAMPLES					6	6	6	6	6	6	6	6	6	

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
14 01 75 1045			.3			375.	15.	360						
10 03 75 1200			.3			227.	13.		214					
12 05 75 1100			.3			252.	2.		250					
14 07 75 1130			.3			250.	3.	247						
08 09 75 1040			.3			244.	3.	241						
10 11 75 1105			.3			399.	3.	396						
MAXIMUM						399.	15.	396	250					
AVG OR GEOM MN (*)						291.	6.	311	232					
MINIMUM						227.	2.	241	214					
NO OF SAMPLES						6	6	4	2					

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SAMPLE INFORMATION SYSTEM       STATION SUMMARY REPORT - RIVER BASINS                              DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: CARP RIVER                                                                           STATION ID:  18-3370-100-02
 SAMPLE POINT: FIRST CONCESSION DOWNSTREAM OF CARP
 STATION TYPE: RIVER                                    MAJOR BASIN: GREAT LAKES                                STORET CODE: 02
                                                        MINOR BASIN: OTTAWA RIVER                                            006
                                                        TERM STREAM: CARP RIVER                                              2490

STN NO    100       LAT               LONG               U.T.M. 18 0417300.0 5022300.0 4      REGION 04               MILEAGE   16.30

                                      934        901      444        80         81          84          88        805         3          1
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE         SCD  FLOW CFS    TOTAL      FECAL        M.F.      PSEUD.      WATER     DISS.      5-DAY
DY MO YR LMT   DIST BRG DEPTH          NO                        COLIFORM   COLIFORM      ENTER.         MPA      TEMP.        02        BOD
               FEET        MTRS                                  MF/100ML   MF/100ML    MF/100ML    MF/100ML      DEG C      MG/L       MG/L

14 01 75 1140               .3      25111                           1300.       220.        260.                    0.0      10.0
10 02 75 1235               .3      25133   4                        400.       320.         10.                    0.0       7.0
10 03 75 1225               .3      25155   4                        240.       100.         10.                    0.0       7.0
14 04 75 1235               .3      25177                          70000.      2200.         92.                    0.0      15.0
12 05 75 1145               .3      25199   9                       1000.       100.         24.                   15.0      12.0
16 06 75 1140               .3      25221   0                       1000.       100.  L      52.                   23.0       9.0
14 07 75 1200               .3      25243   5                        200.        10.         10.  L                24.0      11.0
11 08 75 1110               .3      25265   7 5                      100.        80.         10.  L                25.0       7.0
08 09 75 1105               .3      25287   7 5                      200.       110.        210.                   17.0       6.0
06 10 75 1115               .3      25309   7 5                      700.        20.        100.                   13.0       8.0
08 12 75 1300               .3      25353   4                       2400.       160.        280.                    0.0      10.0


                       MAXIMUM                                     70000.      2200.        280.                   25.0      15.0
            AVG OR GEOM MN (*)                                      773.*      114.* D      46.* D                 10.6       9.3
                       MINIMUM                                      100.        10.         10.                    0.0       6.0

                 NO OF SAMPLES                                        11          11          11                     11        11
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 B.O.W./ SITE: CARP RIVER                                                                           STATION ID:  18-3370-120-02
 SAMPLE POINT: AT HIGHWAY 17 UPSTREAM OF CARP
 STATION TYPE: RIVER                                    MAJOR BASIN: GREAT LAKES                                STORET CODE: 02
                                                        MINOR BASIN: OTTAWA RIVER                                            006
                                                        TERM STREAM: CARP RIVER                                              2490

STN NO    120       LAT               LONG               U.T.M. 18 0420450.0 5020950.0 4      REGION 04               MILEAGE   18.70

                                      934        901      444        80         81          84          88        805         3          1
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE         SCD  FLOW CFS    TOTAL      FECAL        M.F.      PSEUD.      WATER     DISS.      5-DAY
DY MO YR LMT   DIST BRG DEPTH          NO                        COLIFORM   COLIFORM      ENTER.         MPA      TEMP.        02        BOD
               FEET        MTRS                                  MF/100ML   MF/100ML    MF/100ML    MF/100ML      DEG C      MG/L       MG/L

14 01 75 1150               .3      25112   4                       1100.       160.        150.                    0.0      10.0
10 02 75 1240               .3      25134   4                        100.  L     10.         10.  L                 0.0       9.0
10 03 75 1240               .3      25156   4                       3000.      1000.         36.                    0.0       9.0
14 04 75 1245               .3      25178   4                      17206.       500.        196.                    0.0      11.0
12 05 75 1200               .3      25200                            100.  L     20.         48.                   15.0      10.0
16 06 75 1200               .3      25222                            760.       460.        380.                   23.0      11.0
14 07 75 1210               .3      25244                           1150.       630.        380.                   24.0       9.0
11 08 75 1120               .3      25266                           3300.       680.        980.                   25.0      10.0
08 09 75 1115               .3      25288   7                       2400.       540.        360.                   17.0      10.0
06 10 75 1130               .3      25310                           1800.       100.        420.                   13.0      10.0
10 11 75 1200               .3      25332                           3600.       130.        240.                   10.0       8.0
08 12 75 1250               .3      25354   4                       3400.       110.        330.                    0.0       8.0


                       MAXIMUM                                     17206.      1000.        980.                   25.0      11.0
            AVG OR GEOM MN (*)                                     1450.* D     192.*       176.* D                10.6       9.6
                       MINIMUM                                      100.        10.         10.                    0.0       8.0

                 NO OF SAMPLES                                        12          12          12                     12        12
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B.O.W./ SITE: MISSISSIPPI RIVER
SAMPLE POINT: AT RAILWAY BRIDGE NORTH GALETTA
STATION TYPE: RIVER

STATION ID: 18-3430-030-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: MISSISSIPPI RIVER

STORET CODE: 02
006
2670

STN NO 30 LAT LONG U.T.M. 18 0402000.0 5030500.0 4 REGION 04 MILEAGE 2.30

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
14 01 75 1030			.3		25108			750.	130.	140.		0.0	5.0	0.6
10 02 75 1130			.3		25130	4		310.	40.	10. L		0.0	11.0	
10 03 75 1110			.3		25152	4		170.	60.	30.		0.0	6.0	1.0
14 04 75 1140			.3		25174			220.	10.	20.		0.0	15.0	
12 05 75 1055			.3		25196	3		920.	80.	10.		14.0	8.0	2.2
16 06 75 1050			.3		25218			110.	20.	10.		22.0	8.0	
14 07 75 1100			.3		25240			30.	10.	10.		24.0	8.0	0.4
11 08 75 1035			.3		25262			60.	40.	20.		25.0	11.0	
08 09 75 1020			.3		25284			50.	40.	10.		17.0	10.0	2.2
06 10 75 1035			.3		25306			140.	10. L	10. L		13.0	11.0	
10 11 75 1035			.3		25328			50.	12.	1.		10.0	14.0	1.0
08 12 75 1130			.3		25350			500.	76.	104.		0.0	10.0	
MAXIMUM								920.	130.	140.		25.0	15.0	2.2
AVG OR GEOM MN (*)								160.*	31.* D	15.* D		10.4	9.8	1.2
MINIMUM								30.	10.	1.		0.0	5.0	0.4
NO OF SAMPLES								12	12	12		12	12	6

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
14 01 75 1030			.3		0.038	0.015	0.06	0.57	0.006	0.220	2.50	250	7.	7.4
10 02 75 1130			.3											
10 03 75 1110			.3		0.020	0.014	0.09	0.46	0.005	0.180	2.00	225	5.	7.5
14 04 75 1140			.3											
12 05 75 1055			.3		0.028	0.001	0.01	0.40	0.003	0.010L	2.30	175	3.	8.0
16 06 75 1050			.3											
14 07 75 1100			.3		0.049	0.023	0.01 L	0.47	0.001	0.010L	2.00	180	4.	7.9
11 08 75 1035			.3											
08 09 75 1020			.3		0.034	0.003	0.01 L	0.52	0.002	0.010L	1.00	195	4.	7.8
06 10 75 1035			.3											
10 11 75 1035			.3		0.022	0.004	0.01 L	0.48	0.004	0.010	1.50	200	5.	7.8
08 12 75 1130			.3											
MAXIMUM					0.049	0.023	0.09	0.57	0.006	0.220	2.50	250	7.	8.0
AVG OR GEOM MN (*)					0.032	0.010	0.03 D	0.48	0.004	0.073D	1.88	204	4.	7.7
MINIMUM					0.020	0.001	0.01	0.40	0.001	0.010	1.00	175	3.	7.4
NO OF SAMPLES					6	6	6	6	6	6	6	6	6	6

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
14 01 75 1030			.3		25108	3.	97	116		0.25	30	1. L	0.1L	1.73
10 03 75 1110			.3		25152	6.	9	110		0.20	15	1. L	0.1L	2.20
12 05 75 1055			.3		25196	3.	77	90		0.20	30		0.1L	2.20
14 07 75 1100			.3		25240	2.	86	97		0.15	15	1. L	0.1	2.50
08 09 75 1020			.3		25284	4.	94		99.	0.16	5	1. L	0.1	2.20
10 11 75 1035			.3		25328	4.	86		94.	0.20	10	1. L	0.1	0.40
MAXIMUM						6.	97	116	99.	0.25	30	1.	0.1	2.50
AVG OR GEOM MN (*)						3.	75	103	96.	0.19	18	1. D	0.1D	1.87
MINIMUM						2.	9	90	94.	0.15	5	1.	0.1	0.40
NO OF SAMPLES						6	6	4	2	6	6	5	6	6

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 B.O.W./ SITE: MISSISSIPPI RIVER                                                                        STATION ID:  18-3430-030-02
 SAMPLE POINT: AT RAILWAY BRIDGE NORTH GALETTA
 STATION TYPE: RIVER                                           MAJOR BASIN: GREAT LAKES                                STORET CODE: 02
                                                               MINOR BASIN: OTTAWA RIVER                                            006
                                                               TERM STREAM: MISSISSIPPI RIVER                                       2670

STN NO     30       LAT                 LONG                   U.T.M. 18 0402000.0 5030500.0 4     REGION 04             MILEAGE    2.30

                                          59         5          6          7         107         67         66         45         47         41
SAMP DTE HOUR  STN  STN SAMP  PJ   SULPHATE      TOTAL      SUSP.      DISS.       DISS.    PTSSIUM     SODIUM      TOT C    ORGANIC        COD
DY MO YR LMT   DIST BRG DEPTH                   SOLIDS     SOLIDS     SOLIDS      SOLIDS          K         NA       AS C     C AS C
               FEET      MTRS          MG/L       MG/L       MG/L       MG/L        MG/L       MG/L       MG/L       MG/L       MG/L       MG/L

14 01 75 1030              .3          14.        169.       15.                     154        1.6       5.60                             20L
10 03 75 1110              .3           8.        169.       23.                     146        1.9       3.50                             20
12 05 75 1055              .3          12.        121.        7.         114                    1.3       2.00                             20L
14 07 75 1100              .3          12.                    3.                                1.1       3.00                             20L
08 09 75 1020              .3          11.        127.        4.         123                    0.9       3.30                             14
10 11 75 1035              .3          13.        133.        3.                     130        1.3       3.80                             30


                      MAXIMUM          14.        169.       23.         123         154        1.9       5.60                             30
           AVG OR GEOM MN (*)          11.        143.        9.         119         143        1.4       3.53                             21D
                      MINIMUM           8.        121.        3.         114         130        0.9       2.00                             14

                NO OF SAMPLES           6          5          6           2           3          6          6                               6

                                        934        203        265         64          72        221        225        272        215        229
SAMP DTE HOUR  STN  STN SAMP  PJ     SAMPLE      TOTAL      TOTAL                  TOTAL      TOTAL      TOTAL     SIMPLE      TOTAL      TOTAL
DY MO YR LMT   DIST BRG DEPTH            NO   ALUMINUM    ARSENIC    CALCIUM     CALCIUM   CHROMIUM     COPPER    CYANIDE    CADMIUM       LEAD
               FEET      MTRS                     MG/L       MG/L       MG/L        MG/L       MG/L       MG/L       MG/L       MG/L       MG/L

14 01 75 1030              .3        25108     0.04 L                34.0                             0.05 L
10 03 75 1110              .3        25152     0.29                  33.0                             0.02 L
12 05 75 1055              .3        25196     0.19                  27.0                             0.39
14 07 75 1100              .3        25240     0.17                  30.0                             0.03 L
08 09 75 1020              .3        25284     0.09                             28.0                  0.03 L
10 11 75 1035              .3        25328     0.19                             27.0                  0.06


                      MAXIMUM                  0.29                  34.0       28.0                  0.39
           AVG OR GEOM MN (*)                  0.16 D                31.0       27.5                  0.10 D
                      MINIMUM                  0.04                  27.0       27.0                  0.02

                NO OF SAMPLES                    6                     4          2                     6

                                         65         74        200        235         238        249        217        218        219        361
SAMP DTE HOUR  STN  STN SAMP  PJ        MAG   TOT. MAG   MANGNESE      TOTAL       TOTAL      TOTAL      TOTAL     BARIUM   SELENIUM    SOLVENT
DY MO YR LMT   DIST BRG DEPTH        NESIUM     NESIUM         MN    MERCURY      NICKEL       ZINC     COBALT       MG/L       MG/L   EXTRBLES
               FEET      MTRS          MG/L       MG/L       MG/L       UG/L        MG/L       MG/L       MG/L                             MG/L

14 01 75 1030              .3           7.0                  0.05                 0.07 L     0.050L
10 03 75 1110              .3           7.0                  0.04 L               0.02 L     0.050L
12 05 75 1055              .3           5.0                  0.03                 0.04 L     0.030L
14 07 75 1100              .3           6.0                  0.03                 0.04       0.030L
08 09 75 1020              .3                      7.00      0.02 L               0.02 L     0.030L
10 11 75 1035              .3                      6.50      0.06                 0.01 L     0.020L


                      MAXIMUM           7.0        7.00      0.06                 0.07       0.050
           AVG OR GEOM MN (*)           6.3        6.75      0.04 D               0.03 D     0.035D
                      MINIMUM           5.0        6.50      0.02                 0.01       0.020

                NO OF SAMPLES           4          2          6                     6          6
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SAMPLE INFORMATION SYSTEM       STATION SUMMARY REPORT - RIVER BASINS                  DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: MISSISSIPPI RIVER                                                          STATION ID:  18-3430-034-02
 SAMPLE POINT: AT DAM BELOW PAKENHAM
 STATION TYPE: RIVER                                   MAJOR BASIN: GREAT LAKES                        STORET CODE: 02
                                                       MINOR BASIN: OTTAWA RIVER                                    006
                                                       TERM STREAM: MISSISSIPPI RIVER                               2670

STN NO     34      LAT              LONG               U.T.M. 18 0399150.0 5020900.0 4     REGION 04           MILEAGE     9.30

                                   934      901     444          80         81         84         88       805          3           1
SAMP DTE HOUR  STN  STN SAMP  PJ  SAMPLE     SCD  FLOW CFS      TOTAL      FECAL       M.F.     PSEUD.     WATER      DISS.      5-DAY
DY MO YR LMT   DIST BRG DEPTH       NO                       COLIFORM   COLIFORM     ENTER.       MPA     TEMP.         02        BOD
               FEET      MTRS                                MF/100ML   MF/100ML   MF/100ML  MF/100ML     DEG C       MG/L       MG/L

14 01 75 1000              .3      25107    4                550.        90.       230.                    0.0       7.0
10 02 75 1040              .3      25129    4                420.        40.        10.                    0.0      13.0
10 03 75 1050              .3      25151    4                230.        60.        20.                    0.0      12.0
14 04 75 1045              .3      25173                    1060.        60.        40.                    0.0      12.0
12 05 75 1030              .3      25195    3                250.        10. L      10. L                 14.0       9.0
16 06 75 1030              .3      25217    9                 68.        40.        12.                   22.0      10.0
14 07 75 1035              .3      25239                     300.        28.        40.                   24.0      11.0
11 08 75 1015              .3      25261                     550.        16.       140.                   25.0      10.0
08 09 75 1005              .3      25283                      70.         4.       600. G                 17.0      10.0
06 10 75 1015              .3      25305                      60.         8.        68.                   13.0      10.0
10 11 75 1015              .3      25327                     620.        76.         4.                   10.0       9.0
08 12 75 1115              .3      25349    4               1580.        92.        12.                    0.0       9.0


                      MAXIMUM                               1580.        92.       600.                   25.0      13.0
           AVG OR GEOM MN (*)                                305.*       30.* D     34.* E                10.4      10.2
                      MINIMUM                                 60.         4.         4.                    0.0       7.0

                NO OF SAMPLES                                  12         12         12                     12        12
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 B.O.W./ SITE: MISSISSIPPI RIVER                                                          STATION ID:  18-3430-036-02
 SAMPLE POINT: AT CPR BRIDGE PAKENHAM
 STATION TYPE: RIVER                                   MAJOR BASIN: GREAT LAKES                        STORET CODE: 02
                                                       MINOR BASIN: OTTAWA RIVER                                    006
                                                       TERM STREAM: MISSISSIPPI RIVER                               2670

STN NO     36      LAT              LONG               U.T.M. 18 0398950.0 5019750.0 4     REGION 04           MILEAGE    10.00

                                   934      901     444          80         81         84         88       805          3           1
SAMP DTE HOUR  STN  STN SAMP  PJ  SAMPLE     SCD  FLOW CFS      TOTAL      FECAL       M.F.     PSEUD.     WATER      DISS.      5-DAY
DY MO YR LMT   DIST BRG DEPTH       NO                       COLIFORM   COLIFORM     ENTER.       MPA     TEMP.         02        BOD
               FEET      MTRS                                MF/100ML   MF/100ML   MF/100ML  MF/100ML     DEG C       MG/L       MG/L

14 01 75 0950              .3      25106    4                700.        70.       160.                    0.0      12.0
10 02 75 1030              .3      25128    4                480.        10.        10.                    0.0      10.0
10 03 75 1035              .3      25150    4                250.       108.         8.                    0.0      10.0
14 04 75 1035              .3      25172                     420.        16.        12.                    0.0      12.0
12 05 75 1020              .3      25194    3                230.         8.        16.                   14.0       4.0
16 06 75 1030              .3      25216                     270.         1.        48.                   22.0      10.0
14 07 75 1030              .3      25238                    1800.        52.       336.                   24.0      11.0
11 08 75 1005              .3      25260                     120.        28.        20.                   25.0      10.0
08 09 75 0955              .3      25282                      30.        16.        12.                   17.0       9.0
06 10 75 1000              .3      25304                     830.        28.         4.                   13.0      11.0
10 11 75 1005              .3      25326                    2360.        56.        12.                   10.0      10.0
08 12 75 1110              .3      25348    4               1200.       324.        76.                    0.0       9.0


                      MAXIMUM                               2360.       324.       336.                   25.0      12.0
           AVG OR GEOM MN (*)                                424.*       26.*       24.*                  10.4       9.8
                      MINIMUM                                 30.         1.         4.                    0.0       4.0

                NO OF SAMPLES                                  12         12         12                     12        12
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SAMPLE INFORMATION SYSTEM        STATION SUMMARY REPORT - RIVER BASINS                          DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: MISSISSIPPI RIVER                                                                  STATION ID:  18-3430-040-02
 SAMPLE POINT: DOWNSTREAM OF ALMONTE
 STATION TYPE: RIVER
                                                  MAJOR BASIN: GREAT LAKES                                  STORET CODE: 02
                                                  MINOR BASIN: OTTAWA RIVER                                              006
                                                  TERM STREAM: MISSISSIPPI RIVER                                         2670

STN NO     40       LAT                 LONG           U.T.M. 18 0404950.0 4909999.0 4      REGION 04          MILEAGE   17.70


                                          934       901      444         80         81         84         88       805          3          1
SAMP DTE HOUR  STN  STN SAMP  PJ       SAMPLE         SCD  FLOW CFS    TOTAL      FECAL       M.F.     PSEUD.     WATER      DISS.      5-DAY
DY MO YR LMT   DIST BRG DEPTH              NO                       COLIFORM   COLIFORM     ENTER.        MPA     TEMP.         O2        BOD
               FEET       MTRS                                     MF/100ML   MF/100ML   MF/100ML   MF/100ML     DEG C       MG/L       MG/L

14 01 75 0900               .3          25104     4                   500.        60.       170.                  0.0        4.0        1.8
10 02 75 0945               .3          25126     4                   250.        10.        10.                  0.0       13.0
10 03 75 0945               .3          25148     4                    10.  L      1.         1.                  0.0       11.0        1.6
14 04 75 0915               .3          25170                         288.        12.        32.                  0.0       12.0
12 05 75 0940               .3          25192     3                   132.        36.        12.                 14.0       11.0        1.2
16 06 75 0935               .3          25214     0                  4600.        96.        40.                 22.0        8.0
14 07 75 1000               .3          25236     9 0                5400.       460.        80.                 24.0        9.0        0.6
11 08 75 0920               .3          25258     9                   100.  L      1.         4.                 25.0       10.0
08 09 75 0920               .3          25280     9                  2800.        80.       244.                 17.0       12.0        1.8
06 10 75 0920               .3          25302                         390.        20.       440.                 13.0       12.0
10 11 75 0920               .3          25324                         500.         1.         4.                 10.0       10.0        1.0
08 12 75 1030               .3          25346     4                 46000.      5200.       520.                  0.0       10.0


                   MAXIMUM                                          46000.      5200.       520.                 25.0       13.0        1.8
          AVG OR GEOM MN (*)                                         616.* D     26.*        33.*                10.4       10.2        1.3
                   MINIMUM                                            10.         1.         1.                  0.0        4.0        0.6

               NO OF SAMPLES                                           12         12         12                   12         12          6

                                          33        34         19         20         21         22         16         14         56         55
SAMP DTE HOUR  STN  STN SAMP  PJ        TOTAL   FILTERED   FILTERED      TOTAL    NITRITE    NITRATE      TURB.      COND.   CHLORIDE         PH
DY MO YR LMT   DIST BRG DEPTH               P   REACTIVE    AMMONIA   KJELDAHL      NO2-N      NO3-N   FORMAZIN        25C       MG/L     AT LAB
               FEET       MTRS           MG/L    P MG/L       MG/L       MG/L       MG/L       MG/L      UNITS      UMHOS

14 01 75 0900               .3          0.040     0.002      0.01       0.75      0.005      0.140       3.50        230         5.
10 02 75 0945               .3
10 03 75 0945               .3          0.016     0.009      0.07       0.43      0.005      0.160       1.40        210         4.
14 04 75 0915               .3
12 05 75 0940               .3          0.077     0.002      0.01 L     0.45      0.003      0.010L      6.50        170         2.
16 06 75 0935               .3
14 07 75 1000               .3          0.069     0.017      0.02       0.54      0.004      0.010L      4.10        580         3.
11 08 75 0920               .3
08 09 75 0920               .3          0.014     0.001      0.01       0.56      0.002      0.010       0.47        190         3.
06 10 75 0920               .3
10 11 75 0920               .3          0.020     0.004      0.01 L     0.44      0.003      0.010L      1.70        210         4.
08 12 75 1030               .3


                   MAXIMUM              0.077     0.017      0.07       0.75      0.005      0.160       6.50        580         5.
          AVG OR GEOM MN (*)            0.039     0.006      0.02 D     0.53      0.004      0.057D      2.95        265         3.
                   MINIMUM              0.014     0.001      0.01       0.43      0.002      0.010       0.47        170         2.

               NO OF SAMPLES                6         6          6          6          6          6          6          6          6
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 B.O.W./ SITE: MISSISSIPPI RIVER                                                                  STATION ID:  18-3430-050-02
 SAMPLE POINT: UPSTREAM OF ALMONTE
 STATION TYPE: RIVER
                                                  MAJOR BASIN: GREAT LAKES                                  STORET CODE: 02
                                                  MINOR BASIN: OTTAWA RIVER                                              006
                                                  TERM STREAM: MISSISSIPPI RIVER                                         2670

STN NO     50       LAT                 LONG           U.T.M. 18 0406375.0 4908650.0 4      REGION 04          MILEAGE   19.00

                                          934       901      444         80         81         84         88       805          3          1
SAMP DTE HOUR  STN  STN SAMP  PJ       SAMPLE         SCD  FLOW CFS    TOTAL      FECAL       M.F.     PSEUD.     WATER      DISS.      5-DAY
DY MO YR LMT   DIST BRG DEPTH              NO                       COLIFORM   COLIFORM     ENTER.        MPA     TEMP.         O2        BOD
               FEET       MTRS                                     MF/100ML   MF/100ML   MF/100ML   MF/100ML     DEG C       MG/L       MG/L

14 01 75 0850               .3          25103     4        1050.      160.        10.       150.                  0.0        6.0
10 02 75 0925               .3          25125     4         823.       10.        10.  L     10.  L               0.0       11.0
10 03 75 0930               .3          25147     4         899.       12.         1.         4.                  0.0       11.0
14 04 75 0930               .3          25169              1870.       72.         4.         1.                  0.0       11.0
12 05 75 0920               .3          25191     3        3310.       52.        16.        16.                 15.0       11.0
16 06 75 0920               .3          25213               719.        8.         4.         1.                 22.0       10.0
14 07 75 1015               .3          25235               203.       84.         4.         1.                 24.0       10.0
11 08 75 0910               .3          25257               203.      140.         1.        28.                 25.0       10.0
08 09 75 0910               .3          25279               231.       30.        12.        40.                 18.0        9.0
06 10 75 0910               .3          25301               263.      110.         4.         8.                 12.0        8.0
10 11 75 0910               .3          25323               417.      380.         8.         4.                 10.0       10.0
08 12 75 1020               .3          25345     4         563.       50.         1.         1.                  0.0        9.0


                   MAXIMUM                                 3310.      380.        16.       150.                 25.0       11.0
          AVG OR GEOM MN (*)                                879.       52.*        4.* D      6.* D              10.5        9.7
                   MINIMUM                                  203.        8.         1.         1.                  0.0        6.0

               NO OF SAMPLES                                  12        12         12         12                   12         12
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SAMPLE INFORMATION SYSTEM        STATION SUMMARY REPORT - RIVER BASINS                        DATE OF REPORT  28 OCT 77

B.O.W./ SITE: MISSISSIPPI RIVER                                                              STATION ID:  18-3430-060-02
SAMPLE POINT: BELOW CARLETON PLACE
STATION TYPE: RIVER                                      MAJOR BASIN: GREAT LAKES                      STORET CODE: 02
                                                         MINOR BASIN: OTTAWA RIVER                                  006
                                                         TERM STREAM: MISSISSIPPI RIVER                             2670

STN NO     60      LAT                LONG               U.T.M. 18 0411400.0 4999950.0 4     REGION 04         MILEAGE    28.20

                                      934       901      444        80        81        84        88       805         3          1
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE      SCD  FLOW CFS     TOTAL     FECAL      M.F.    PSEUD.    WATER     DISS.      5-DAY
DY MO YR LMT   DIST BRG DEPTH          NO                      COLIFORM  COLIFORM    ENTER.       MPA    TEMP.        O2        BOD
               FEET        MTRS                               MF/100ML  MF/100ML  MF/100ML  MF/100ML    DEG C      MG/L       MG/L

14 01 75 0815                .3     25102                         940.      10.  L    10.  L              0.0       4.0        1.0
10 02 75 0905                .3     25124     4                   510.     200.      204.                 0.0       9.0
10 03 75 0900                .3     25146     4                    30.      10.       10.  L              0.0       8.0        1.2
14 04 75 1010                .3     25168                         128.      12.        8.                 0.0      10.0
12 05 75 0900                .3     25190     3                   100.      12.       12.                14.0       9.0        0.8
16 06 75 0855                .3     25212                         428.      84.       56.                22.0      10.0
14 07 75 0855                .3     25234                                                                23.0       9.0        0.8
11 08 75 0855                .3     25256     9                 18400.    1500.  G   316.                25.0       9.0
08 09 75 0850                .3     25278                         700.     100.  L   700.                17.0       9.0        2.4
06 10 75 0855                .3     25300                         510.      36.      196.                12.0       8.0
10 11 75 1325                .3     25322                        2940.     128.       64.                10.0       9.0        1.6
08 12 75 0945                .3     25344     4                   300.       4.        1.                 0.0      10.0


                       MAXIMUM                                  18400.    1500.      700.                25.0      10.0        2.4
             AVG OR GEOM MN (*)                                  497.*      42.* E    39.* D             10.3       8.7        1.3
                       MINIMUM                                    30.       4.        1.                 0.0       4.0        0.8

                 NO OF SAMPLES                                     11        11        11                  12        12          6


                                      33        34        19        20        21        22        16        14        56         55
SAMP DTE HOUR  STN  STN SAMP  PJ    TOTAL  FILTERED  FILTERED     TOTAL   NITRITE   NITRATE     TURB.     COND.  CHLORIDE         PH
DY MO YR LMT   DIST BRG DEPTH           P  REACTIVE   AMMONIA  KJELDAHL     NO2-N     NO3-N  FORMAZIN       25C      MG/L     AT LAB
               FEET        MTRS      MG/L    P MG/L      MG/L      MG/L      MG/L      MG/L     UNITS     UMHOS

14 01 75 0815                .3     0.031     0.009      0.04      0.56     0.001     0.180      1.80       210        4.
10 02 75 0905                .3
10 03 75 0900                .3     0.023     0.012      0.08      0.45     0.005     0.160      1.50       205        4.
14 04 75 1010                .3
12 05 75 0900                .3     0.012     0.001      0.02      0.29     0.004     0.010L     0.65       170        2.
16 06 75 0855                .3
14 07 75 0855                .3     0.076     0.042      0.01      0.53     0.006     0.140      2.40       180        3.
11 08 75 0855                .3
08 09 75 0850                .3     0.018     0.001      0.03      0.99     0.001     0.010L     0.60       175        2.
06 10 75 0855                .3
10 11 75 1325                .3     0.065     0.032      0.07      0.63     0.032     0.110      1.00       180        3.
08 12 75 0945                .3


                       MAXIMUM      0.076     0.042      0.08      0.99     0.032     0.180      2.40       210        4.
             AVG OR GEOM MN (*)     0.038     0.016      0.04      0.58     0.008     0.102D     1.33       187        3.
                       MINIMUM      0.012     0.001      0.01      0.29     0.001     0.010      0.60       170        2.

                 NO OF SAMPLES          6         6         6         6         6         6         6         6         6



B.O.W./ SITE: MISSISSIPPI RIVER                                                              STATION ID:  18-3430-070-02
SAMPLE POINT: ABOVE CARLETON PLACE
STATION TYPE: RIVER                                      MAJOR BASIN: GREAT LAKES                      STORET CODE: 02
                                                         MINOR BASIN: OTTAWA RIVER                                  006
                                                         TERM STREAM: MISSISSIPPI RIVER                             2670

STN NO     70      LAT                LONG               U.T.M. 18 0408850.0 4997350.0 4     REGION 04         MILEAGE    30.20

                                      934       901      444        80        81        84        88       805         3          1
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE      SCD  FLOW CFS     TOTAL     FECAL      M.F.    PSEUD.    WATER     DISS.      5-DAY
DY MO YR LMT   DIST BRG DEPTH          NO                      COLIFORM  COLIFORM    ENTER.       MPA    TEMP.        O2        BOD
               FEET        MTRS                               MF/100ML  MF/100ML  MF/100ML  MF/100ML    DEG C      MG/L       MG/L

14 01 75 0825                .3     25101     4                    10.  L   10.  L    10.  L              0.0       5.0
10 02 75 0855                .3     25123     4                     8.       1.        1.                 0.0      11.0
10 03 75 0845                .3     25145     4                     4.       1.        1.                 0.0      10.0
14 04 75 1005                .3     25167                           8.       1.        1.                 0.0      12.0
12 05 75 0845                .3     25189     3 9                  20.      28.        4.                14.0       9.0
16 06 75 0845                .3     25211     9                    84.       4.        8.                21.0       8.0
14 07 75 0845                .3     25233     9                   548.      80.      224.                23.0       9.0
11 08 75 0845                .3     25255     9                   100.  L    1.       12.                25.0       9.0
08 09 75 0840                .3     25277                         200.      12.       40.                17.0      11.0
06 10 75 0840                .3     25299     9                   150.      24.        8.                12.0      10.0
10 11 75 0840                .3     25321     9                   130.       1.        1.                10.0      10.0
08 12 75 0955                .3     25343     4                    10.  L    1.        1.                 0.0      10.0


                       MAXIMUM                                    548.      80.      224.                25.0      12.0
             AVG OR GEOM MN (*)                                    38.* D    4.* D     5.* D             10.2       9.5
                       MINIMUM                                      4.       1.        1.                 0.0       5.0

                 NO OF SAMPLES                                     12        12        12                  12        12
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SAMPLE INFORMATION SYSTEM        STATION SUMMARY REPORT - RIVER BASINS                    DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: MISSISSIPPI LAKE                                                             STATION ID:  18-3430-100-01
 SAMPLE POINT: NEAR LAKE PARK
 STATION TYPE: LAKE
                                                        MAJOR BASIN: GREAT LAKES                            STORET CODE: 02
                                                        MINOR BASIN: OTTAWA RIVER                                        006
                                                        TERM STREAM: MISSISSIPPI RIVER                                   2670

STN NO    100        LAT                LONG             U.T.M. 18 0407650.0 4995700.0 4     REGION 04            MILEAGE   32.20

                                       934     901      444        80         81         84         88       805          3          1
SAMP DTE HOUR  STN  STN SAMP  PJ     SAMPLE      SCD  FLOW CFS    TOTAL      FECAL       M.F.     PSEUD.     WATER      DISS.      5-DAY
DY MO YR LMT   DIST BRG DEPTH            NO                      COLIFORM   COLIFORM     ENTER.       MPA     TEMP.        O2        BOD
               FEET       MTRS                                  MF/100ML   MF/100ML   MF/100ML  MF/100ML     DEG C       MG/L       MG/L

14 01 75 0750                 .3       25100   4                    10.         10.  L      10.  L               0.0      7.0
10 02 75 0840                 .3       25122   4                     1.          1.          4.                  0.0     12.0
10 03 75 0825                 .3       25144   4                     1.          1.          1.                  0.0     12.0
14 04 75 0950                 .3       25166   4                     4.          1.          1.                  0.0     10.0
12 05 75 0830                 .3       25188                        72.         20.         64.                 14.0      4.0
16 06 75 0825                 .3       25210   7 9                 144.        348.        216.                 21.0     10.0
14 07 75 0835                 .3       25232   9 7                 750.       1400.        640.                 23.0      7.0
11 08 75 0835                 .3       25254   9                   270.         30.         10.                 25.0     11.0
08 09 75 0830                 .3       25276   9                  4700.       3300.        700.                 18.0     10.0
06 10 75 0825                 .3       25298   9 7                 600.         40.         80.                 12.0     10.0
10 11 75 0830                 .3       25320   9                   100.         10.         10.  L              10.0     10.0
08 12 75 0900                 .3       25342   4                   100.         10.  L      10.  L               0.0     11.0


                         MAXIMUM                                  4700.       3300.        700.                 25.0     12.0
              AVG OR GEOM MN (*)                                    60.*        24.* D      23.* D              10.3      9.5
                         MINIMUM                                     1.          1.          1.                  0.0      4.0

                   NO OF SAMPLES                                      12          12          12                   12         12
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 B.O.W./ SITE: MISSISSIPPI RIVER                                                            STATION ID:  18-3430-175-02
 SAMPLE POINT: AT DALHOUSIE LAKE OUTLET
 STATION TYPE: RIVER
                                                        MAJOR BASIN: GREAT LAKES                            STORET CODE: 02
                                                        MINOR BASIN: OTTAWA RIVER                                        006
                                                        TERM STREAM: MISSISSIPPI RIVER                                   2670

STN NO    175        LAT                LONG             U.T.M. 18 0378675.0 4980850.0 4     REGION 04            MILEAGE   64.00

                                       934     901      444        80         81         84         88       805          3          1
SAMP DTE HOUR  STN  STN SAMP  PJ     SAMPLE      SCD  FLOW CFS    TOTAL      FECAL       M.F.     PSEUD.     WATER      DISS.      5-DAY
DY MO YR LMT   DIST BRG DEPTH            NO                      COLIFORM   COLIFORM     ENTER.       MPA     TEMP.        O2        BOD
               FEET       MTRS                                  MF/100ML   MF/100ML   MF/100ML  MF/100ML     DEG C       MG/L       MG/L

13 01 75 0900                 .3       25121                        10.  L       1.          1.                  0.0     13.0
11 02 75 0825                 .3       25143                         8.          1.         12.                  0.0      8.0
11 03 75 1215                 .3       25165                         1.          1.          1.                  0.0     10.0
15 04 75 1240                 .3       25187                         8.          1.          8.                  0.0     14.0
13 05 75 1240                 .3       25209                         8.          1.          1.                 14.0     15.0
17 06 75 0950                 .3       25231                        20.         12.         32.                 22.0     12.0
15 07 75 1300                 .3       25253                       336.        108.         44.                 24.0      9.0
12 08 75 1330                 .3       25275                       324.         20.        600.                 24.0     10.0
09 09 75 1225                 .3       25297                        20.         20.         30.                 18.0     11.0
07 10 75 1320                 .3       25319                        10.  L       4.         48.                 12.0     11.0
12 11 75 0905                 .3       25341                       160.          1.         16.                  9.0      9.0
09 12 75 0915                 .3       25363                        10.          1.          1.                  0.0      8.0


                         MAXIMUM                                   336.        108.        600.                 24.0     15.0
              AVG OR GEOM MN (*)                                    20.* D       3.*        11.*                10.3     10.8
                         MINIMUM                                     1.          1.          1.                  0.0      8.0

                   NO OF SAMPLES                                      12          12          12                   12         12
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SAMPLE INFORMATION SYSTEM       STATION SUMMARY REPORT - RIVER BASINS                       DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: MISSISSIPPI RIVER                                                               STATION ID:  18-3430-195-02
 SAMPLE POINT: AT CROTCH LAKE OUTLET
 STATION TYPE: RIVER                                   MAJOR BASIN: GREAT LAKES                               STORET CODE: 02
                                                       MINOR BASIN: OTTAWA RIVER                                         006
                                                       TERM STREAM: MISSISSIPPI RIVER                                    2670

STN NO   195      LAT               LONG                U.T.M. 18 0360050.0 4977450.0 4     REGION 04           MILEAGE   78.00

                                     934       901      444        80        81        84        88       805         3         1
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE      SCD  FLOW CFS     TOTAL     FECAL      M.F.    PSEUD.     WATER     DISS.    5-DAY
DY MO YR LMT   DIST BRG DEPTH           NO                     COLIFORM  COLIFORM    ENTER.       MPA     TEMP.        02      BOD
               FEET      MTRS                                  MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L     MG/L

13 01 75 0935              .3       25120                       150.        8.      24.                    0.0      14.0
11 02 75 0845              .3       25142                         4.        1.      16.                    0.0      12.0
11 03 75 1150              .3       25164                         1.        1.       1.                    0.0      13.0
15 04 75 1215              .3       25186                         4.        1.       1.                    0.0      15.0
13 05 75 1215              .3       25208                        32.       12.       1.                   13.0      12.0
17 06 75 1130              .3       25230                       600.  G   680.       1.                   21.0      10.0
15 07 75 1210              .3       25252                       124.        1.       1.                   22.0      11.0
12 08 75 1300              .3       25274                        20.        8.       0.                   24.0      11.0
09 09 75 0930              .3       25296                       290.        4.       1.                   17.0      11.0
07 10 75 1300              .3       25318                        60.       20.       8.                   12.0      10.0
12 11 75 1000              .3       25340                        20.        1.       1.                    8.0      10.0
09 12 75 0940              .3       25362                       100.        1.      16.                    0.0      11.0


                      MAXIMUM                                   600.      680.      24.                   24.0      15.0
           AVG OR GEOM MN (*)                                    35.* U     4.*      2.*                   9.8      11.7
                      MINIMUM                                     1.        1.       0.                    0.0      10.0

                NO OF SAMPLES                                       12        12        12                  12        12
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 B.O.W./ SITE: MISSISSIPPI RIVER                                                               STATION ID:  18-3430-210-02
 SAMPLE POINT: AT KASHWAKAMAK LAKE OUTLET
 STATION TYPE: RIVER                                   MAJOR BASIN: GREAT LAKES                               STORET CODE: 02
                                                       MINOR BASIN: OTTAWA RIVER                                         006
                                                       TERM STREAM: MISSISSIPPI RIVER                                    2670

STN NO   210      LAT               LONG                U.T.M. 18 0345300.0 4972625.0 4     REGION 04           MILEAGE   91.00

                                     934       901      444        80        81        84        88       805         3         1
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE      SCD  FLOW CFS     TOTAL     FECAL      M.F.    PSEUD.     WATER     DISS.    5-DAY
DY MO YR LMT   DIST BRG DEPTH           NO                     COLIFORM  COLIFORM    ENTER.       MPA     TEMP.        02      BOD
               FEET      MTRS                                  MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L     MG/L

13 01 75 1255              .3       25118                        20.        1.       1.                    0.0      12.0
11 02 75 0955              .3       25140                         8.        1.       4.                    0.0       8.0
11 03 75 1050              .3       25162                         4.        1.       1.                    0.0       6.0
15 04 75 1100              .3       25184                         4.        1.       1.                    0.0      16.0
13 05 75 1105              .3       25206                         1.        1.       1.                   12.0      13.0
16 06 75 0900              .3       25228                        68.        8.       4.                   22.0      14.0
15 07 75 1115              .3       25250                       112.        4.       1.                   23.0       9.0
12 08 75 1145              .3       25272                        52.        4.       4.                   24.0      10.0
09 09 75 1100              .3       25294                        64.        8.       1.                   17.0      12.0
07 10 75 1145              .3       25316                       220.        8.       4.                   12.0      11.0
12 11 75 1140              .3       25338                       140.       12.      16.                    8.0      12.0
09 12 75 1105              .3       25360    4                   40.        1.       4.                    0.0       9.0


                      MAXIMUM                                   220.       12.      16.                   24.0      16.0
           AVG OR GEOM MN (*)                                    26.*       3.*      2.*                   9.8      11.0
                      MINIMUM                                     1.        1.       1.                    0.0       6.0

                NO OF SAMPLES                                       12        12        12                  12        12
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SAMPLE INFORMATION SYSTEM       STATION SUMMARY REPORT - RIVER BASINS                         DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: MISSISSIPI RIVER                                                                 STATION ID:   18-3430-230-02
 SAMPLE POINT: AT MAZINAW LAKE OUTLET
 STATION TYPE: RIVER                                    MAJOR BASIN: GREAT LAKES                               STORET CODE: 02
                                                        MINOR BASIN: OTTAWA RIVER                                           006
                                                        TERM STREAM: MISSISSIPPI RIVER                                      2670

STN NO   230      LAT               LONG                 U.T.M. 18 0328500.0 4968350.0 4     REGION 04             MILEAGE   105.20

                                     934       901       444        80        81        84        88       805         3          1
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE       SCD  FLOW CFS     TOTAL     FECAL      M.F.    PSEUD.     WATER     DISS.     5-DAY
DY MO YR LMT   DIST BRG DEPTH           NO                      COLIFORM  COLIFORM    ENTER.       MPA     TEMP.         O2       BOD
               FEET      MTRS                                   MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L       MG/L

13 01 75 1315              .3       25116                          1.        1.        1.                  0.0        9.0
11 02 75 1030              .3       25138                          4.        1.        1.                  0.0       12.0
11 03 75 0955              .3       25160                          1.        1.        1.                  0.0       13.0
15 04 75 0945              .3       25182                          1.        1.        1.                  0.0       15.0
13 05 75 1000              .3       25204    3                     8.        1.        8.                 12.0       14.0
16 06 75 1000              .3       25226                         20.        1.        8.                            14.0
15 07 75 1010              .3       25248                         16.        4.        1.                 23.0       12.0
12 08 75 1015              .3       25270                         68.        1.       20.                 24.0        8.0
09 09 75 1145              .3       25292                          4.        1.        8.                 17.0       11.0
07 10 75 1030              .3       25314                         16.        1.        1.                 12.0       12.0
12 11 75 1300              .3       25336                         12.        1.        1.                  8.0       12.0
09 12 75 1150              .3       25358                          1.        1.        4.                  0.0       12.0


                      MAXIMUM                                     68.        4.       20.                 24.0       15.0
           AVG OR GEOM MN (*)                                      5.*       1.*       2.*                 8.7       12.0
                      MINIMUM                                      1.        1.        1.                  0.0        8.0

                NO OF SAMPLES                                        12        12        12                  11        12




 B.O.W./ SITE: MISSISSIPPI RIVER                                                                STATION ID:   18-3430-234-02
 SAMPLE POINT: AT MAZINAW LAKE INLET
 STATION TYPE: RIVER                                    MAJOR BASIN: GREAT LAKES                               STORET CODE: 02
                                                        MINOR BASIN: OTTAWA RIVER                                           006
                                                        TERM STREAM: MISSISSIPPI RIVER                                      2670

STN NO   234      LAT               LONG                 U.T.M. 18 0323200.0 4980900.0 4     REGION 04             MILEAGE   114.00

                                     934       901       444        80        81        84        88       805         3          1
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE       SCD  FLOW CFS     TOTAL     FECAL      M.F.    PSEUD.     WATER     DISS.     5-DAY
DY MO YR LMT   DIST BRG DEPTH           NO                      COLIFORM  COLIFORM    ENTER.       MPA     TEMP.         O2       BOD
               FEET      MTRS                                   MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L       MG/L

13 01 75 1325              .3       25117                         10.   L    1.        1.                  0.0        9.0
11 02 75 1045              .3       25139                          8.        1.        1.                  0.0       11.0
11 03 75 1010              .3       25161                         12.        1.        1.                  0.0       10.0
15 04 75 1005              .3       25183                         32.        1.        1.                  0.0       15.0
13 05 75 1020              .3       25205                         32.        1.       28.                 12.0       13.0
16 06 75 1025              .3       25227                         20.        4.       32.                            14.0
15 07 75 1030              .3       25249                         56.        1.        4.                 24.0        9.0
12 08 75 1030              .3       25271                         68.        1.        1.                 24.0        8.0
09 09 75 1200              .3       25293                          4.        1.        1.                 17.0       11.0
07 10 75 1040              .3       25315                         32.        1.        1.                 12.0       11.0
12 11 75 1245              .3       25337                         72.        1.        1.                  8.0       12.0
09 12 75 1210              .3       25359    4                    60.        1.        4.                  0.0       11.0


                      MAXIMUM                                     72.        4.       32.                 24.0       15.0
           AVG OR GEOM MN (*)                                     24.* D     1.*       2.*                 8.8       11.2
                      MINIMUM                                      4.        1.        1.                  0.0        8.0

                NO OF SAMPLES                                        12        12        12                  11        12
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SAMPLE INFORMATION SYSTEM        STATION SUMMARY REPORT - RIVER BASINS                       DATE OF REPORT  28 OCT 77

B.O.W./ SITE: INDIAN RIVER                                                                     STATION ID:  18-3430-250-02
SAMPLE POINT: AT CLAYTON LAKE OUTLET
STATION TYPE: RIVER                                          MAJOR BASIN: GREAT LAKES                        STORET CODE: 02
                                                             MINOR BASIN: OTTAWA RIVER                                    006
                                                             TERM STREAM: MISSISSIPPI RIVER                               2670

STN NO    250      LAT               LONG                U.T.M. 18 0395800.0 5004850.0 4     REGION 04             MILEAGE   24.10

                                   934       901      444        80         81         84         88       805        3          1
SAMP DTE HOUR  STN  STN SAMP  PJ  SAMPLE       SCD  FLOW CFS    TOTAL      FECAL      M.F.     PSEUD.     WATER      DISS.     5-DAY
DY MO YR LMT   DIST BRG DEPTH        NO                       COLIFORM   COLIFORM    ENTER.       MPA     TEMP.        02        BOD
               FEET      MTRS                                 MF/100ML   MF/100ML   MF/100ML   MF/100ML   DEG C       MG/L       MG/L

14 01 75 0930             .3      25105    4                    10.  L     10.  L     10.  L               0.0        5.0
10 02 75 1010             .3      25127                        100.        16.         1.                  0.0        5.0
10 03 75 1020             .3      25149                        392.       144.         1.                  0.0        6.0
14 04 75 0855             .3      25171                         10.        10.         1.                  0.0        7.0
12 05 75 1000             .3      25193    3                    10.  L      1.         1.                 14.0        8.0
16 06 75 1000             .3      25215    7                    10.         1.        32.                 22.0        7.0
14 07 75 0930             .3      25237                         10.        20.        10.                 24.0        8.0
11 08 75 0945             .3      25259    9 7                 210.         1.       108.                 25.0        8.0
08 09 75 0935             .3      25281                         20.         4.        16.                 18.0        9.0
06 10 75 0935             .3      25303    9                   100.         1.         1.                 12.0       11.0
10 11 75 0940             .3      25325    9                  1880.        16.         1.                 10.0        6.0
08 12 75 1050             .3      25347    4                   700.         1.         1.                  0.0        6.0


                   MAXIMUM                                    1880.       144.       108.                 25.0       11.0
        AVG OR GEOM MN (*)                                      60.* D      5.* D      4.* D              10.4        7.2
                   MINIMUM                                      10.         1.         1.                  0.0        5.0

            NO OF SAMPLES                                         12         12         12                  12         12
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                                                                                               STATION ID:  18-3430-520-02
B.O.W./ SITE: CLYDE RIVER
SAMPLE POINT: BELOW LANARK                                                                                   STORET CODE: 02
STATION TYPE: RIVER                                          MAJOR BASIN: GREAT LAKES                                     006
                                                             MINOR BASIN: OTTAWA RIVER                                    2670
                                                             TERM STREAM: MISSISSIPPI RIVER

STN NO    520      LAT               LONG                U.T.M. 18 0392425.0 4985000.0 4     REGION 04             MILEAGE   54.00

                                   934       901      444        80         81         84         88       805        3          1
SAMP DTE HOUR  STN  STN SAMP  PJ  SAMPLE       SCD  FLOW CFS    TOTAL      FECAL      M.F.     PSEUD.     WATER      DISS.     5-DAY
DY MO YR LMT   DIST BRG DEPTH        NO                       COLIFORM   COLIFORM    ENTER.       MPA     TEMP.        02        BOD
               FEET      MTRS                                 MF/100ML   MF/100ML   MF/100ML   MF/100ML   DEG C       MG/L       MG/L

14 01 75 1235             .3      25113                         60.        10.        10.  L               0.0        7.0
10 02 75 1335             .3      25135    4                   350.       128.        32.                  0.0        8.0
11 03 75 1230             .3      25157    4                    80.        10.        10.  L               0.0        8.0
14 04 75 1340             .3      25179    4                  1850.        48.        28.                  0.0        8.0
12 05 75 1335             .3      25201    3                  1490.        10.  L      8.                 14.0       11.0
16 06 75 1300             .3      25223    9                  1080.        50.        32.                 23.0        9.0
14 07 75 1310             .3      25245    9                  5000.       640.        24.                 24.0        9.0
11 08 75 1220             .3      25267    7                  1000.        10.  L     70.                 25.0        9.0
08 09 75 1215             .3      25289    7                  1400.        40.        10.                 19.0       11.0
06 10 75 1225             .3      25311                       2600.        30.        50.                 12.0       10.0
10 11 75 1255             .3      25333                        600.        10.  L     10.  L              11.0       11.0
09 12 75 0840             .3      25355    4                  4400.       200.        10.  L               0.0       10.0


                   MAXIMUM                                    5000.       640.        70.                 25.0       11.0
        AVG OR GEOM MN (*)                                     888.*       36.* D     19.* D              10.7        9.3
                   MINIMUM                                      60.        10.         8.                  0.0        7.0

            NO OF SAMPLES                                         12         12         12                  12         12
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SAMPLE INFORMATION SYSTEM        STATION SUMMARY REPORT - RIVER BASINS                     DATE OF REPORT  28 OCT 77

B.O.W./ SITE: CLYDE RIVER
SAMPLE POINT: ABOVE LANARK                                                                  STATION ID:  18-3430-530-02
STATION TYPE: RIVER
                                                    MAJOR BASIN: GREAT LAKES                      STORET CODE: 02
                                                    MINOR BASIN: OTTAWA RIVER                                  006
                                                    TERM STREAM: MISSISSIPPI RIVER                             2670

STN NO    530      LAT              LONG            U.T.M. 18 0392500.0 4987000.0 4    REGION 04          MILEAGE   56.00

                                    934 901      444        80        81        84        88       805        3        1
SAMP DTE HOUR  STN  STN SAMP  PJ SAMPLE SCD FLOW CFS     TOTAL     FECAL      M.F.    PSEUD.     WATER    DISS.    5-DAY
DY MO YR LMT   DIST BRG DEPTH        NO               COLIFORM  COLIFORM    ENTER.       MPA     TEMP.       O2      BOD
               FEET       MTRS                        MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C     MG/L     MG/L

14 01 75 1245               .3    25114         193.      580.       20.       10.                 0.0      6.0
10 02 75 1330               .3    25136   4     114.       30.        1.        1.                 0.0      5.0
14 04 75 1330               .3    25180         355.       36.        4.        1.                 0.0     14.0
12 05 75 1340               .3    25202   3     537.       24.        4.        1.                14.0     11.0
16 06 75 1240               .3    25224         159.       28.        1.        1.                23.0      9.0
14 07 75 1300               .3    25246         26.5       36.        1.        4.                24.0     10.0
11 08 75 1215               .3    25268   7      8.5      108.        4.       12.                25.0      9.0
08 09 75 1210               .3    25290   7      7.0       40.        4.        1.                19.0     10.0
06 10 75 1215               .3    25312         12.0       24.       12.        1.                13.0      8.0
10 11 75 1245               .3    25334         38.0    11500.      260.       64.                11.0     12.0
09 12 75 0845               .3    25356   4     58.3        4.        1.        1.                 0.0      8.0


                       MAXIMUM                  537.    11500.      260.       64.                25.0     14.0
            AVG OR GEOM MN (*)                 137.1      64.*       5.*       3.*                11.7      9.3
                       MINIMUM                   7.0        4.        1.        1.                 0.0      5.0

                 NO OF SAMPLES                    11        11        11        11                  11       11


B.O.W./ SITE: SUNDAY CREEK
SAMPLE POINT: AT CANONTO LAKE OUTLET                                                        STATION ID:  18-3430-570-02
STATION TYPE: RIVER
                                                    MAJOR BASIN: GREAT LAKES                      STORET CODE: 02
                                                    MINOR BASIN: OTTAWA RIVER                                  006
                                                    TERM STREAM: MISSISSIPPI RIVER                             2670

STN NO    570      LAT              LONG            U.T.M. 18 0360050.0 4990950.0 4    REGION 04          MILEAGE   89.40

                                    934 901      444        80        81        84        88       805        3        1
SAMP DTE HOUR  STN  STN SAMP  PJ SAMPLE SCD FLOW CFS     TOTAL     FECAL      M.F.    PSEUD.     WATER    DISS.    5-DAY
DY MO YR LMT   DIST BRG DEPTH        NO               COLIFORM  COLIFORM    ENTER.       MPA     TEMP.       O2      BOD
               FEET       MTRS                        MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C     MG/L     MG/L

13 01 75 1015               .3    25119                    20.        1.        1.                 0.0      7.0
11 02 75 0920               .3    25141                     1.        1.        1.                 0.0     10.0
11 03 75 1120               .3    25163                     4.        1.        1.                 0.0     10.0
15 04 75 1135               .3    25185                     1.        1.        1.                 0.0     12.0
13 05 75 1140               .3    25207                     1.        1.        1.                12.0     15.0
17 06 75 1220               .3    25229                    48.       52.        8.                21.0     10.0
15 07 75 1135               .3    25251                     1.        1.        1.                23.0     10.0
12 09 75 1220               .3    25273   9                88.       44.        8.                24.0     12.0
09 09 75 1030               .3    25295                    76.       12.        1.                17.0     12.0
07 10 75 1220               .3    25317                    36.       20.        1.                12.0     11.0
12 11 75 1100               .3    25339                    32.        4.        1.                 8.0     10.0
09 12 75 1025               .3    25361   4                44.        1.        1.                 0.0     11.0


                       MAXIMUM                             88.       52.        8.                24.0     15.0
            AVG OR GEOM MN (*)                            10.*       3.*       1.*                 9.8     10.8
                       MINIMUM                              1.        1.        1.                 0.0      7.0

                 NO OF SAMPLES                              12        12        12                  12       12


B.O.W./ SITE: SHERBOT LAKE
SAMPLE POINT: AT HIGHWAY 38 SHERBOT LAKE                                                    STATION ID:  18-3430-630-02
STATION TYPE: RIVER
                                                    MAJOR BASIN: GREAT LAKES                      STORET CODE: 02
                                                    MINOR BASIN: OTTAWA RIVER                                  006
                                                    TERM STREAM: MISSISSIPPI RIVER                             2670

STN NO    630      LAT              LONG            U.T.M. 18 0366250.0 4958275.0 4    REGION 04          MILEAGE   80.10

                                    934 901      444        80        81        84        88       805        3        1
SAMP DTE HOUR  STN  STN SAMP  PJ SAMPLE SCD FLOW CFS     TOTAL     FECAL      M.F.    PSEUD.     WATER    DISS.    5-DAY
DY MO YR LMT   DIST BRG DEPTH        NO               COLIFORM  COLIFORM    ENTER.       MPA     TEMP.       O2      BOD
               FEET       MTRS                        MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C     MG/L     MG/L

13 01 75 1425               .3    25115                    10.        1.        1.                 0.0      7.0
11 02 75 1155               .3    25137                     1.        1.        4.                 0.0     10.0
11 03 75 0845               .3    25159                     1.        1.        1.                 0.0     10.0
15 04 75 0845               .3    25181                     1.        1.        1.                 0.0     10.0
13 05 75 0905               .3    25203                    16.        1.        1.                13.0      9.0
17 06 75 1030               .3    25225                   100.        4.       24.                21.0     11.0


                       MAXIMUM                            100.        4.       24.                21.0     11.0
            AVG OR GEOM MN (*)                             5.*       1.*       2.*                 5.7      9.5
                       MINIMUM                              1.        1.        1.                 0.0      7.0

                 NO OF SAMPLES                               6         6         6                   6        6
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SAMPLE INFORMATION SYSTEM       STATION SUMMARY REPORT - RIVER BASINS                         DATE OF REPORT  28 OCT 77

B.O.W./ SITE: MADAWASKA RIVER                                                                   STATION ID:  18-3490-020-02
SAMPLE POINT: HIGHWAY 17 BRIDGE ANPRIOR
STATION TYPE: RIVER                                                                                       STORET CODE: 02
                                                       MAJOR BASIN: GREAT LAKES                                        006
                                                       MINOR BASIN: OTTAWA RIVER                                       2710
                                                       TERM STREAM: MADAWASKA RIVER

STN NO     20       LAT                LONG                U.T.M. 18 0394350.0 5031850.0 4      REGION 04            MILEAGE    0.70

                                        934       901       444         80         81         84         88        805          3          1
SAMP DTE HOUR  STN  STN SAMP  PJ      SAMPLE        SCD  FLOW CFS     TOTAL      FECAL       M.F.     PSEUD.     WATER      DISS.      5-DAY
DY MO YR LMT   DIST BRG DEPTH             NO                        COLIFORM   COLIFORM     ENTER.        MPA      TEMP.         O2        BOD
               FEET     MTRS                                        MF/100ML   MF/100ML   MF/100ML   MF/100ML     DEG C       MG/L       MG/L

22 01 75 1050              .3          24009   6                      40.         8.         1.                     0.9       14.3        0.2
26 02 75 1035              .3          24029                         100.        20.        10.                     1.9       12.4        1.0
22 05 75 0900              .3          24815   6 8                  1400.        70.        10.                                5.5        0.8
12 06 75 0915              .3          24963   6                     100.        10.        20.                                           0.2
30 07 75 0830              .3          24850   6                   15000.  G     10.        10.  L                                        0.6
27 08 75 0815              .3          24897   5                    1100.       400.        40.                    21.2       10.0        1.4
24 09 75 0830              .3          24544   5                     500.        10.        10.  L                 15.0       10.1        0.6


                     MAXIMUM                                       15000.       400.        40.                    21.2       14.3        1.4
           AVG OR GEOM MN (*)                                        464.* U     24.*       10.* D                  9.8       10.5        0.7
                     MINIMUM                                          40.         8.         1.                     0.9        5.5        0.2

               NO OF SAMPLES                                            7          7          7                        4          5          7



                                         33         34         19         20         21         22         16         14         56         55
SAMP DTE HOUR  STN  STN SAMP  PJ       TOTAL   FILTERED   FILTERED      TOTAL    NITRITE    NITRATE      TURB.      COND.   CHLORIDE         PH
DY MO YR LMT   DIST BRG DEPTH              P   REACTIVE   AMMONIA    KJELDAHL     NO2-N      NO3-N   FORMAZIN        25C       MG/L     AT LAB
               FEET     MTRS            MG/L     P MG/L       MG/L       MG/L       MG/L       MG/L      UNITS      UMHOS

22 01 75 1050              .3          0.014      0.003      0.02       0.55       0.003      0.090       0.94       110         3.        7.7
26 02 75 1035              .3          0.012      0.004      0.05       0.19       0.003      0.180       3.00        99         2.        7.4
22 05 75 0900              .3          0.015      0.002      0.01       0.32       0.003      0.030       2.00       118         2.        7.8
12 06 75 0915              .3          0.015      0.002      0.01       0.71       0.003      0.040       1.40       120         2.        7.8
30 07 75 0830              .3          0.011      0.002      0.01 L     0.31       0.006      0.020       1.80       114         1.        7.9
27 08 75 0815              .3          0.074      0.014      0.01       0.40       0.002      0.020       2.50       460        15.        8.1
24 09 75 0830              .3          0.017      0.004      0.01       0.33       0.004      0.010L      5.10       125         1.        8.1


                     MAXIMUM           0.074      0.014      0.05       0.71       0.006      0.180       5.10       460        15.        8.1
           AVG OR GEOM MN (*)          0.023      0.004      0.02 D     0.40       0.003      0.056D      2.39       164         3.        7.8
                     MINIMUM           0.011      0.002      0.01       0.19       0.002      0.010       0.94        99         1.        7.4

               NO OF SAMPLES               7          7          7          7          7          7          7          7          7          7



                                        934         95         52         50         76         61         68         25         60        280
SAMP DTE HOUR  STN  STN SAMP  PJ      SAMPLE    ACIDITY    TOT ALK   HARDNESS     CALCUL      TOTAL     COLOUR    PHENOLS               REACTIVE
DY MO YR LMT   DIST BRG DEPTH             NO       MG/L     AT LAB      CACO3   HARDNESS       IRON      HAZEN              FLUORIDE   SILICATE
               FEET     MTRS                                  MG/L       MG/L       MG/L       MG/L      UNITS       UG/L       MG/L    SI MG/L

22 01 75 1050              .3          24009       2.           37         47                   0.15         15       1. L      0.1L       2.19
26 02 75 1035              .3          24029       4.           32         39                   0.30          5       1.        0.1L       1.00
22 05 75 0900              .3          24815       3.           45         55                   0.45         25                 0.1L       3.40
12 06 75 0915              .3          24963       6.           46         56                   0.34         15       1. L      0.1L       2.50
30 07 75 0830              .3          24850       2.           45                    51.       0.15         10       0.0L      0.1L       2.30
27 08 75 0815              .3          24897       4.          216                              0.65         10
24 09 75 0830              .3          24544       3.           47                    57.       0.55         20       1. L      0.2        1.80


                     MAXIMUM                       6.          216         56         57.       0.65         25       1.        0.2        3.40
           AVG OR GEOM MN (*)                      3.           67         49         54.       0.37         14       0.8D      0.1D       2.20
                     MINIMUM                       2.           32         39         51.       0.15          5       0.0       0.1        1.00

               NO OF SAMPLES                        7          7          4          2          7          7          5          6          6
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CONT'D

B.O.W./ SITE: MADAWASKA RIVER
SAMPLE POINT: HIGHWAY 17 BRIDGE ANPRIOR
STATION TYPE: RIVER

STATION ID: 18-3490-020-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: MADAWASKA RIVER

STORET CODE: 02
006
2710

STN NO 20 LAT LONG U.T.M. 18 0394350.0 5031850.0 4 REGION 04 MILEAGE 0.70

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
22 01 75 1050			.3		9.	87.	15. L		72	0.9	1.90			30
26 02 75 1035			.3		10.	70.	4.	66		1.0	2.80			20
22 05 75 0900			.3		12.	81.	4.	77		1.0	1.50			20L
12 06 75 0915			.3		11.	81.	3.		78	1.0	1.70			20L
30 07 75 0830			.3		10.	78.	3.		75	0.9	1.50			20L
27 08 75 0815			.3			305.	21.	284						
24 09 75 0830			.3		10.	89.	8.		81	0.9	1.60			16
MAXIMUM					12.	305.	21.	284	81	1.0	2.80			30
AVG OR GEOM MN (*)					10.	113.	8. D	142	77	1.0	1.83			21D
MINIMUM					9.	70.	3.	66	72	0.9	1.50			16
NO OF SAMPLES					6	7	7	3	4	6	6			6

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	203 TOTAL ALUMINUM MG/L	265 TOTAL ARSENIC MG/L	64 CALCIUM MG/L	72 TOTAL CALCIUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	272 SIMPLE CYANIDE MG/L	215 TOTAL CADMIUM MG/L	229 TOTAL LEAD MG/L
22 01 75 1050			.3		24009	0.21		15.0			0.05 L			
26 02 75 1035			.3		24029	0.04 L		12.0			0.05 L			
22 05 75 0900			.3		24815	0.43		17.6			0.05 L			
12 06 75 0915			.3		24963	0.14		18.0			0.03 L			
30 07 75 0830			.3		24850	0.15			17.0		0.03			
24 09 75 0830			.3		24544	0.35			18.0		0.03			
MAXIMUM						0.43		18.0	18.0		0.05			
AVG OR GEOM MN (*)						0.22 D		15.7	17.5		0.04 D			
MINIMUM						0.04		12.0	17.0		0.03			
NO OF SAMPLES						6		4	2		6			

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	65 MAG NESIUM MG/L	74 TOT. MAG NESIUM MG/L	200 MANGNESE MN MG/L	235 TOTAL MERCURY UG/L	238 TOTAL NICKEL MG/L	249 TOTAL ZINC MG/L	217 TOTAL COBALT MG/L	218 BARIUM MG/L	219 SELENIUM MG/L	361 SOLVENT EXTRBLES MG/L
22 01 75 1050			.3		2.0		0.04 L		0.07 L	0.050L				
26 02 75 1035			.3		2.0		0.04 L		0.07 L	0.050L				
22 05 75 0900			.3		3.0		0.02		0.04 L	0.030L				
12 06 75 0915			.3		3.0		0.03		0.04 L	0.010L				
30 07 75 0830			.3			3.00	0.02		0.04 L	0.030L				
24 09 75 0830			.3			3.00	0.02		0.02 L	0.020L				
MAXIMUM					3.0	3.00	0.04		0.07	0.050				
AVG OR GEOM MN (*)					2.5	3.00	0.03 D		0.05 D	0.032D				
MINIMUM					2.0	3.00	0.02		0.02	0.010				
NO OF SAMPLES					4	2	6		6	6				

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SAMPLE INFORMATION SYSTEM       STATION SUMMARY REPORT - RIVER BASINS                      DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: YORK RIVER                                                                  STATION ID:  18-3490-200-02
 SAMPLE POINT: HIGHWAY 62 IN BANCROFT
 STATION TYPE: RIVER                                     MAJOR BASIN: GREAT LAKES                            STORET CODE: 02
                                                         MINOR BASIN: OTTAWA RIVER                                        006
                                                         TERM STREAM: MADAWASKA RIVER                                     2710

STN NO    200        LAT               LONG              U.T.M. 18 0275250.0 4992900.0 4     REGION 04            MILEAGE  125.30

                                        934        901        444         80         81         84         88        805          3          1
SAMP DTE HOUR  STN  STN SAMP  PJ     SAMPLE        SCD   FLOW CFS      TOTAL      FECAL       M.F.     PSEUD.      WATER      DISS.      5-DAY
DY MO YR LMT   DIST BRG DEPTH            NO                             COLIFORM   COLIFORM     ENTER.        MPA      TEMP.         O2        BOD
               FEET        MTRS                                         MF/100ML   MF/100ML   MF/100ML   MF/100ML      DEG C       MG/L       MG/L

14 05 75 1300                .3       19780                                   20.         1.         1.                                            0.4
19 06 75                     .3       19377                  507.        340.        16.         1.                                            0.8


                     MAXIMUM                                  507.       340.        16.         1.                                            0.8
            AVG OR GEOM MN (*)                                507.       82.*        4.*        1.*                                            0.6
                     MINIMUM                                  507.        20.         1.         1.                                            0.4

               NO OF SAMPLES                                     1          2          2          2                                              2

                                         33         34         19         20         21         22         16         14         56         55
SAMP DTE HOUR  STN  STN SAMP  PJ      TOTAL   FILTERED   FILTERED      TOTAL    NITRITE    NITRATE      TURB.      COND.   CHLORIDE         PH
DY MO YR LMT   DIST BRG DEPTH             P   REACTIVE    AMMONIA   KJELDAHL      NO2-N      NO3-N   FORMAZIN        25C       MG/L     AT LAB
               FEET        MTRS        MG/L     P MG/L       MG/L       MG/L       MG/L       MG/L      UNITS      UMHOS

14 05 75 1300                .3       0.025      0.003     0.01 L       0.25      0.003      0.040       2.90         68         2.        7.2
19 06 75                     .3       0.008      0.001       0.03       0.30      0.002      0.070       0.85         60         1.        7.0


                     MAXIMUM          0.025      0.003       0.03       0.30      0.003      0.070       2.90         68         2.        7.2
            AVG OR GEOM MN (*)        0.017      0.002     0.02 D       0.28      0.003      0.055       1.88         64         1.        7.1
                     MINIMUM          0.008      0.001       0.01       0.25      0.002      0.040       0.85         60         1.        7.0

               NO OF SAMPLES              2          2          2          2          2          2          2          2          2          2

                                        934         95         52         50         76         61         68         25         60        280
SAMP DTE HOUR  STN  STN SAMP  PJ     SAMPLE    ACIDITY    TOT ALK   HARDNESS     CALCUL      TOTAL     COLOUR    PHENOLS              REACTIVE
DY MO YR LMT   DIST BRG DEPTH            NO       MG/L     AT LAB      CACO3   HARDNESS       IRON      HAZEN              FLUORIDE   SILICATE
               FEET        MTRS                               MG/L       MG/L       MG/L       MG/L      UNITS       UG/L       MG/L    SI MG/L

14 05 75 1300                .3       19780         2.         16         29                 0.05L         25                  0.1L       2.90
19 06 75                     .3       19377         6.         15         21                  0.49         20       1. L        0.1       1.70


                     MAXIMUM                        6.         16         29                  0.49         25         1.        0.1       2.90
            AVG OR GEOM MN (*)                      4.         16         25                 0.27D         23       1. D       0.1D       2.30
                     MINIMUM                        2.         15         21                  0.05         20         1.        0.1       1.70

               NO OF SAMPLES                         2          2          2                     2          2          1          2          2

                                         59          5          6          7        107         67         66         45         47         41
SAMP DTE HOUR  STN  STN SAMP  PJ   SULPHATE      TOTAL      SUSP.      DISS.      DISS.    PTSSIUM     SODIUM      TOT C    ORGANIC        COD
DY MO YR LMT   DIST BRG DEPTH                   SOLIDS     SOLIDS     SOLIDS     SOLIDS          K         NA       AS C     C AS C
               FEET        MTRS        MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L

14 05 75 1300                .3         10.        52.         8.         44                   1.0       1.80                             20L
19 06 75                     .3          5.        39.         2.         37                   0.8       1.50                              20


                     MAXIMUM            10.        52.         8.         44                   1.0       1.80                              20
            AVG OR GEOM MN (*)           7.        45.         5.         41                   0.9       1.65                             20D
                     MINIMUM             5.        39.         2.         37                   0.8       1.50                              20

               NO OF SAMPLES              2          2          2          2                     2          2                               2

                                        934        203        265         64         72        221        225        272        215        229
SAMP DTE HOUR  STN  STN SAMP  PJ     SAMPLE      TOTAL      TOTAL                 TOTAL      TOTAL      TOTAL     SIMPLE      TOTAL      TOTAL
DY MO YR LMT   DIST BRG DEPTH            NO   ALUMINUM    ARSENIC    CALCIUM    CALCIUM   CHROMIUM     COPPER    CYANIDE    CADMIUM       LEAD
               FEET        MTRS                   MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L

14 05 75 1300                .3       19780       0.11                   8.0                             0.04
19 06 75                     .3       19377                              8.0


                     MAXIMUM                      0.11                   8.0                             0.04
            AVG OR GEOM MN (*)                    0.11                   8.0                             0.04
                     MINIMUM                      0.11                   8.0                             0.04

               NO OF SAMPLES                         1                     2                                1

                                         65         74        200        235        238        249        217        218        219        361
SAMP DTE HOUR  STN  STN SAMP  PJ        MAG   TOT. MAG   MANGNESE      TOTAL      TOTAL      TOTAL      TOTAL     BARIUM   SELENIUM    SOLVENT
DY MO YR LMT   DIST BRG DEPTH        NESIUM     NESIUM         MN    MERCURY     NICKEL       ZINC     COBALT       MG/L       MG/L   EXTRBLES
               FEET        MTRS        MG/L       MG/L       MG/L       UG/L       MG/L       MG/L       MG/L                             MG/L

14 05 75 1300                .3         2.0                  0.04              0.04 L      0.170
19 06 75                     .3        1.0L


                     MAXIMUM            2.0                  0.04                0.04      0.170
            AVG OR GEOM MN (*)         1.5D                  0.04              0.04 D      0.170
                     MINIMUM            1.0                  0.04                0.04      0.170

               NO OF SAMPLES              2                     1                   1          1
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SAMPLE INFORMATION SYSTEM       STATION SUMMARY REPORT - RIVER BASINS                        DATE OF REPORT  28 OCT 77
 B.O.W./ SITE: DOCHART CREEK                                                                    STATION ID:  18-3510-020-02
 SAMPLE POINT: LAST BRIDGE DOWNSTREAM FROM ARNPRIOR
 STATION TYPE: RIVER                                    MAJOR BASIN: GREAT LAKES                               STORET CODE: 02
                                                        MINOR BASIN: OTTAWA RIVER                                           006
                                                        TERM STREAM: DOCHART CREEK                                          2730

STN NO    20      LAT               LONG                 U.T.M. 18 0392700.0 5033150.0 4     REGION 04             MILEAGE    0.30

                                     934       901       444        80        81        84        88       805         3         1
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE       SCD  FLOW CFS     TOTAL     FECAL      M.F.    PSEUD.     WATER     DISS.     5-DAY
DY MO YR LMT   DIST BRG DEPTH           NO                      COLIFORM  COLIFORM    ENTER.        MPA    TEMP.        O2        BOD
               FEET      MTRS                                   MF/100ML  MF/100ML MF/100ML   MF/100ML     DEG C      MG/L      MG/L

26 03 75 0915              .3       24060    6                                                             0.5      12.0        0.6
22 05 75 0945              .3       24816    6                  4000.     3800.      400.                             4.5        2.2
12 06 75 1000              .3       24964    6                  1200.      650.       90.                                         0.6
30 07 75 0910              .3       24851    6                 15000.  G  6300.      200.                                         1.0
27 08 75 0855              .3       24898    6                   100.      100.  L    30.                 17.8        9.2
24 09 75 0915              .3       24545    6                   100.       30.       30.                                         2.4


                      MAXIMUM                                  15000.     6300.      400.                 17.8      12.0        2.4
           AVG OR GEOM MN (*)                                   936.* U     542.* D   92.*                 9.2       8.6        1.4
                      MINIMUM                                    100.       30.       30.                  0.5       4.5        0.6

                NO OF SAMPLES                                         5         5         5                   2         3         5


                                      33        34        19        20        21        22        16        14        56        55
SAMP DTE HOUR  STN  STN SAMP  PJ     TOTAL  FILTERED  FILTERED     TOTAL   NITRITE   NITRATE    TURB.      COND.  CHLORIDE        PH
DY MO YR LMT   DIST BRG DEPTH            P  REACTIVE   AMMONIA  KJELDAHL     NO2-N     NO3-N  FORMAZIN       25C      MG/L    AT LAB
               FEET      MTRS         MG/L    P MG/L      MG/L      MG/L      MG/L      MG/L    UNITS      UMHOS

26 03 75 0915              .3       0.081     0.033     0.06      0.50      0.017     0.900     20.00       359      22.
22 05 75 0945              .3       0.180     0.040     0.04      0.78      0.014     0.060     73.00       390      12.
12 06 75 1000              .3       0.120     0.016     0.01 L    0.60      0.007     0.010L    29.00       385      20.
30 07 75 0910              .3       0.088     0.032     0.01 L    0.58      0.004     0.010      6.50       417      11.
27 08 75 0855              .3
24 09 75 0915              .3       0.028     0.007     0.01 L    0.53      0.004     0.020      4.80       190      12.


                      MAXIMUM       0.180     0.040     0.06      0.78      0.017     0.900     73.00       417      22.
           AVG OR GEOM MN (*)       0.099     0.026     0.03 D    0.60      0.009     0.200D    26.66       348      15.
                      MINIMUM       0.028     0.007     0.01      0.50      0.004     0.010      4.80       190      11.

                NO OF SAMPLES           5         5         5         5         5         5         5         5         5


                                      59         5         6         7       107        67        66        45        47        41
SAMP DTE HOUR  STN  STN SAMP  PJ  SULPHATE     TOTAL     SUSP.     DISS.     DISS.   PTSSIUM    SODIUM     TOT C   ORGANIC       COD
DY MO YR LMT   DIST BRG DEPTH                 SOLIDS    SOLIDS    SOLIDS    SOLIDS         K        NA      AS C    C AS C
               FEET      MTRS         MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

26 03 75 0915              .3                 264.       31.                  233
22 05 75 0945              .3                 352.       98.                  254
12 06 75 1000              .3                 284.       34.                  250
30 07 75 0910              .3                 271.       10.       261
24 09 75 0915              .3                 127.        3.                  124


                      MAXIMUM                 352.       98.       261        254
           AVG OR GEOM MN (*)                 259.       35.       261        215
                      MINIMUM                 127.        3.       261        124

                NO OF SAMPLES                     5         5         1         4
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SAMPLE INFORMATION SYSTEM       STATION SUMMARY REPORT - RIVER BASINS                         DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: BONNECHERE RIVER                                                                STATION ID:  18-3690-010-02
 SAMPLE POINT: COUNTY ROAD 3 2 MILES EAST OF CASTLEFORD
 STATION TYPE: RIVER                                        MAJOR BASIN: GREAT LAKES                        STORET CODE: 02
                                                            MINOR BASIN: OTTAWA RIVER                                    006
                                                            TERM STREAM: BONNECHERE RIVER                                2905

STN NO     10       LAT                LONG                  U.T.M. 18 0378400.0 5041075.0 4     REGION 04         MILEAGE    0.50

                                          934       901      444       80         81        84        88         805       3         1
SAMP DTE HOUR  STN  STN SAMP  PJ         SAMPLE       SCD  FLOW CFS    TOTAL      FECAL     M.F.     PSEUD.      WATER     DISS.     5-DAY
DY MO YR LMT   DIST BRG DEPTH              NO                       COLIFORM   COLIFORM   ENTER.      MPA       TEMP.      O2        BOD
               FEET      MTRS                                       MF/100ML   MF/100ML  MF/100ML  MF/100ML    DEG C     MG/L      MG/L

26 02 75 1120              .3            24030     4       540.     2700.      670.      560.                  0.4      13.2       1.7
22 05 75 1025              .3            24817     6 8     692.      300.       30.       10.  L                         4.5       0.8
12 06 75 1030              .3            24965     6 8     631.      350.      100.       50.                                      0.2
30 07 75 0935              .3            24852     6 8     221.      100.  L    10.  L    10.  L                                   0.6
27 08 75 0925              .3            24899     5       138.      200.       10.       10.  L              20.2      10.2       0.6
24 09 75 1005              .3            24546     5       176.      150.       30.       10.  L              14.0       9.7       0.8
17 12 75 1400              .3            24326     6 4     331.                                                0.0      14.8       1.6


                   MAXIMUM                                 692.     2700.      670.      560.                 20.2      14.8       1.7
         AVG OR GEOM MN (*)                                390.      308.* D    43.* D    26.* D               8.7      10.5       0.9
                   MINIMUM                                 138.      100.       10.       10.                  0.0       4.5       0.2

             NO OF SAMPLES                                    7         6          6         6                   4         5         7



                                          33        34        19         20        21        22        16         14        56         55
SAMP DTE HOUR  STN  STN SAMP  PJ         TOTAL   FILTERED  FILTERED    TOTAL    NITRITE   NITRATE    TURB.      COND.   CHLORIDE       PH
DY MO YR LMT   DIST BRG DEPTH              P     REACTIVE  AMMONIA   KJELDAHL    NO2-N     NO3-N   FORMAZIN     25C       MG/L     AT LAB
               FEET      MTRS             MG/L    P MG/L     MG/L      MG/L      MG/L      MG/L     UNITS     UMHOS

26 02 75 1120              .3            0.049    0.014     0.11      0.48     0.005     0.410      4.40      149        5.        7.4
22 05 75 1025              .3            0.100    0.069     0.10      0.57     0.005     0.010      3.20      160        3.        7.9
12 06 75 1030              .3            0.045    0.021     0.01      0.66     0.012     0.150      3.40      200        6.        7.9
30 07 75 0935              .3            0.071    0.062     0.01      0.48     0.006     0.020      2.30      146        3.        8.4
27 08 75 0925              .3            0.056    0.045     0.01      0.38     0.022     0.070      1.40      146        3.        7.4
24 09 75 1005              .3            0.036    0.024     0.01      0.40     0.009     0.040      2.40      160        3.        7.9
17 12 75 1400              .3                     0.026     0.09               0.006     0.130


                   MAXIMUM                       0.100    0.069     0.11      0.66     0.022     0.410      4.40      200        6.        8.4
         AVG OR GEOM MN (*)                      0.060    0.037     0.05      0.50     0.009     0.119      2.85      160        3.        7.8
                   MINIMUM                       0.036    0.014     0.01      0.38     0.005     0.010      1.40      146        3.        7.4

             NO OF SAMPLES                          6         7        7         6         7         7         6        6          6         6



                                          934       95        52         50        76        61        68         25        60        280
SAMP DTE HOUR  STN  STN SAMP  PJ         SAMPLE   ACIDITY  TOT ALK   HARDNESS    CALCUL     TOTAL    COLOUR    PHENOLS             REACTIVE
DY MO YR LMT   DIST BRG DEPTH              NO       MG/L    AT LAB     CACO3   HARDNESS     IRON     HAZEN               FLUORIDE  SILICATE
               FEET      MTRS                                MG/L       MG/L      MG/L      MG/L     UNITS       UG/L      MG/L    SI MG/L

26 02 75 1120              .3            24030      6.        52        65                 0.55        10      1.        0.1L      3.00
22 05 75 1025              .3            24817      6.        65        76                 0.55        30                0.1L      3.20
12 06 75 1030              .3            24965      6.        96       104                 0.05        30      1. L      0.1L      3.50
30 07 75 0935              .3            24852      0.        60                  64.      0.25        15      0.0L      0.1       4.40
27 08 75 0925              .3            24899      3.        56                  68.      0.09        10      1. L      0.1       3.80
24 09 75 1005              .3            24546      2.        63                  71.      0.15        15      1.        0.2       2.40
17 12 75 1400              .3            24326


                   MAXIMUM                          6.        96       104        71.      0.55        30      1.        0.2       4.40
         AVG OR GEOM MN (*)                         3.        65        82        67.      0.27        18      0.8D      0.1D      3.38
                   MINIMUM                          0.        52        65        64.      0.05        10      0.0       0.1       2.40

             NO OF SAMPLES                            6         6         3         3         6         6        5         6         6
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CONT'D

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B.O.W./ SITE: BONNECHERE RIVER                                                                     STATION ID:  18-3690-010-02
SAMPLE POINT: COUNTY ROAD 3 2 MILES EAST OF CASTLEFORD
STATION TYPE: RIVER                                       MAJOR BASIN: GREAT LAKES                              STORET CODE: 02
                                                          MINOR BASIN: OTTAWA RIVER                                          006
                                                          TERM STREAM: BONNECHERE RIVER                                      2905

STN NO      10        LAT                   LONG         U.T.M. 18 0378400.0 5041075.0 4     REGION 04            MILEAGE    0.50

                                        59         5         6         7       107        67        66        45        47        41
SAMP DTE HOUR  STN  STN SAMP  PJ  SULPHATE     TOTAL     SUSP.     DISS.     DISS.   PTSSIUM    SODIUM     TOT C   ORGANIC       COD
DY MO YR LMT   DIST BRG DEPTH                 SOLIDS    SOLIDS    SOLIDS    SOLIDS         K        NA      AS C    C AS C
               FEET      MTRS         MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

26 02 75 1120               .3         11.      110.       12.        98                 1.5      5.10                            20
22 05 75 1025               .3         15.      113.        9.       104                 1.5      3.00                           20L
12 06 75 1030               .3         12.      138.        8.                 130       1.6      5.70                           20L
30 07 75 0935               .3         11.       97.        3.                  94       1.2      3.20                           20L
27 08 75 0925               .3         11.       98.        4.                  94       1.3      3.70                           20L
24 09 75 1005               .3         13.      106.        2.                 104       1.1      3.20                             4
17 12 75 1400               .3                             23.


                      MAXIMUM          15.      138.       23.       104       130       1.6      5.70                            20
           AVG OR GEOM MN (*)          12.      110.        8.       101       106       1.4      3.98                           17D
                      MINIMUM          11.       97.        2.        98        94       1.1      3.00                             4

                NO OF SAMPLES            6         6         7         2         4         6         6                             6



                                       934       203       265        64        72       221       225       272       215       229
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE     TOTAL     TOTAL               TOTAL     TOTAL     TOTAL    SIMPLE     TOTAL     TOTAL
DY MO YR LMT   DIST BRG DEPTH           NO  ALUMINUM   ARSENIC   CALCIUM   CALCIUM  CHROMIUM    COPPER   CYANIDE   CADMIUM      LEAD
               FEET      MTRS                   MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

26 02 75 1120               .3       24030     27.00                19.0                      0.05 L
22 05 75 1025               .3       24817      0.32                22.0                      0.05 L
12 06 75 1030               .3       24965      0.52                31.0                      0.03 L
30 07 75 0935               .3       24852      0.21                          19.0            0.04
27 08 75 0925               .3       24899      0.15                          18.0            0.03 L
24 09 75 1005               .3       24546      0.10                          19.0            0.04


                      MAXIMUM                  27.00                31.0      19.0            0.05
           AVG OR GEOM MN (*)                   4.72                24.0      18.7            0.04 D
                      MINIMUM                   0.10                19.0      18.0            0.03

                NO OF SAMPLES                      6                   3         3               6


                                        65        74       200       235       238       249       217       218       219       361
SAMP DTE HOUR  STN  STN SAMP  PJ       MAG  TOT. MAG  MANGNESE     TOTAL     TOTAL     TOTAL     TOTAL    BARIUM  SELENIUM   SOLVENT
DY MO YR LMT   DIST BRG DEPTH       NESIUM    NESIUM        MN   MERCURY    NICKEL      ZINC    COBALT      MG/L      MG/L  EXTRBLES
               FEET      MTRS         MG/L      MG/L      MG/L      UG/L      MG/L      MG/L      MG/L                          MG/L

26 02 75 1120               .3         4.0              0.28                0.07 L   0.100
22 05 75 1025               .3         5.0              0.02                0.04 L   0.180
12 06 75 1030               .3        34.0              0.05                0.09     0.010L
30 07 75 0935               .3                  5.80    0.02                0.04 L   0.030L
27 08 75 0925               .3                  5.60    0.02 L              0.03 L   0.020L
24 09 75 1005               .3                  5.50    0.02 L              0.02 L   0.020L


                      MAXIMUM         34.0      5.80    0.28                0.09     0.180
           AVG OR GEOM MN (*)         14.3      5.63    0.07 D              0.05 D   0.060D
                      MINIMUM          4.0      5.50    0.02                0.02     0.010

                NO OF SAMPLES            3         3         6                   6         6
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SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT   28 OCT 77

STATION ID: 18-4810-020-02

B.O.W./ SITE: MUSKRAT RIVER
SAMPLE POINT: HIGHWAY 17 BY PASS BRIDGE, PEMBROKE
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: MUSKRAT RIVER

STORET CODE: 02
006
4210

STN NO   20   LAT   LONG   U.T.M. 18 0335850.0 5076900.0 4   REGION 04   MILEAGE   0.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
25 02 75 1355			.3		24032	6	151.	15200.	3600.	340.		0.0	10.8	1.2
26 03 75 1115			.3		24063	4	366.					0.2	12.8	0.6
22 05 75 1150			.3		24819	5	609.	600.	40.	10.			4.5	1.2
12 06 75 1215			.3		24967	6	205.	650.	420.	300.				0.2
30 07 75 1145			.3		24854	5	57.0	9500.	340.	10.				1.4
27 08 75 1155			.3		24901	5	32.3	200.	110.	10.				0.8
24 09 75 1135			.3		24548	5	28.3	1060.	320.	20.		13.8	9.9	1.2
16 12 75 1330			.3		24328	4 5	292.					0.5	12.5	12.0
MAXIMUM							609.	15200.	3600.	340.		13.8	12.8	12.0
AVG OR GEOM MN (*)							217.6	1512.*	300.*	36.*		3.6	10.1	2.3
MINIMUM							28.3	200.	40.	10.		0.0	4.5	0.2
NO OF SAMPLES							8	6	6	6		4	5	8

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
25 02 75 1355			.3		0.050	0.013	0.13	0.67	0.008	0.340	7.00	270	33.	
26 03 75 1115			.3		0.042	0.011	0.16	0.58	0.012	0.320	3.00	183	7.	
22 05 75 1150			.3		0.053	0.015	0.02	0.62	0.004	0.010	3.50	190	5.	
12 06 75 1215			.3		0.044	0.011	0.01 L	3.20	0.007	0.040	2.70	205	5.	
30 07 75 1145			.3		0.038	0.019	0.01 L	0.55	0.004	0.010	1.60	148	5.	
27 08 75 1155			.3		0.010	0.003	0.01	0.30	0.005	0.190	1.40	64	2.	8.1
24 09 75 1135			.3		0.026	0.005	0.01 L	0.51	0.004	0.020	1.40	175	7.	
16 12 75 1330			.3		1.100	0.034	0.11	3.90	0.023	0.430	150.00	150	6.	
MAXIMUM					1.100	0.034	0.16	3.90	0.023	0.430	150.00	270	33.	8.1
AVG OR GEOM MN (*)					0.170	0.014	0.06 D	1.29	0.008	0.170	21.33	173	8.	8.1
MINIMUM					0.010	0.003	0.01	0.30	0.004	0.010	1.40	64	2.	8.1
NO OF SAMPLES					8	8	8	8	8	8	8	8	8	1

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
25 02 75 1355			.3			174.	15.	159						
26 03 75 1115			.3			125.	7.		118					
22 05 75 1150			.3			133.	9.		124					
12 06 75 1215			.3			138.	5.		133					
30 07 75 1145			.3			100.	3.		97					
27 08 75 1155			.3			46.	2.		44					
24 09 75 1135			.3			116.	2.		114					
16 12 75 1330			.3			772.	674.		98					
MAXIMUM						772.	674.	159	133					
AVG OR GEOM MN (*)						200.	89.	159	104					
MINIMUM						46.	2.	159	44					
NO OF SAMPLES						8	8	1	7					

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SAMPLE INFORMATION SYSTEM        STATION SUMMARY REPORT - RIVER BASINS                   DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: PETAWAWA RIVER                                                          STATION ID:   18-4930-020-02
 SAMPLE POINT: HIGHWAY 17 BRIDGE PETAWAWA
 STATION TYPE: RIVER
                                                 MAJOR BASIN: GREAT LAKES                          STORET CODE: 02
                                                 MINOR BASIN: OTTAWA RIVER                                      006
                                                 TERM STREAM: PETAWAWA RIVER                                    4350
STN NO     20        LAT              LONG
                                                  U.T.M. 18 0322700.0 5085650.0 4     REGION 04              MILEAGE     1.60

                                         934      901      444        80        81        84        88       805        3         1
SAMP DTE HOUR  STN  STN SAMP  PJ       SAMPLE       SCD  FLOW CFS    TOTAL     FECAL      M.F.    PSEUD.    WATER     DISS.     5-DAY
DY MO YR LMT   DIST BRG DEPTH             NO                      COLIFORM  COLIFORM    ENTER.       MPA    TEMP.        O2       BOD
               FEET       MTRS                                    MF/100ML  MF/100ML  MF/100ML  MF/100ML    DEG C      MG/L      MG/L

22 01 75 1340              .3          24011    6        969.       40.      10.       1.                   0.0      12.6       0.4
25 02 75 1445              .3          24033    6        830.                                               0.9      13.4       0.2
26 03 75 1230              .3          24064    6        994.                                               1.0      10.6       0.2
12 06 75 1400              .3          24968    6 8     1520.                                                                   0.4
30 07 75 1320              .3          24855    6 8      547.      700.      10.  L    10.  L                                   0.6
27 08 75 1330              .3          24902    6        264.      470.      10.  L    10.                                      0.6
24 09 75 1320              .3          24549    6        456.     1320.      70.       30.                 15.0      10.4       1.0
16 12 75 1400              .3          24329   ·6       1500.                                               1.0      13.7       0.8


                   MAXIMUM                              1520.     1320.      70.       30.                 15.0      13.7       1.0
         AVG OR GEOM MN (*)                              885.      363.*     16.* D     7.* D                3.6      12.1       0.5
                   MINIMUM                               264.       40.      10.        1.                  0.0      10.4       0.2

              NO OF SAMPLES                                 8         4        4         4                    5         5         8



                                         33        34         19        20        21        22        16        14        56        55
SAMP DTE HOUR  STN  STN SAMP  PJ       TOTAL  FILTERED   FILTERED     TOTAL   NITRITE   NITRATE     TURB.     COND.  CHLORIDE        PH
DY MO YR LMT   DIST BRG DEPTH              P  REACTIVE   AMMONIA   KJELDAHL     NO2-N     NO3-N  FORMAZIN      25C      MG/L    AT LAB
               FEET       MTRS          MG/L    P MG/L      MG/L      MG/L      MG/L      MG/L     UNITS    UMHOS

22 01 75 1340              .3          0.010     0.003      0.02      0.80     0.003     0.080      0.80       60        2.        7.7
25 02 75 1445              .3          0.007     0.002      0.01      0.22     0.002     0.120      1.20       55        1.        7.1
26 03 75 1230              .3          0.002     0.002      0.01      0.24     0.002     0.130      1.40      155        1.        6.7
12 06 75 1400              .3          0.008     0.001      0.02      0.21     0.002     0.190      0.55       60        1.        6.4
30 07 75 1320              .3          0.012     0.002      0.01 L    0.32     0.002     0.010L     1.00       48        1.        7.7
27 08 75 1330              .3          0.010     0.001      0.01      0.22     0.007     0.010L     0.60       48        1.        7.8
24 09 75 1320              .3          0.006     0.001      0.01 L    0.22     0.002     0.010      0.71       50        1.        7.3
16 12 75 1400              .3                    0.001L     0.02                0.003     0.070                 60


                   MAXIMUM             0.012     0.003      0.02      0.80     0.007     0.190      1.40      155        2.        7.8
         AVG OR GEOM MN (*)            0.008     0.002D     0.01 D    0.32     0.003     0.078D     0.89       67        1.        7.2
                   MINIMUM             0.002     0.001      0.01      0.21     0.002     0.010      0.55       48        1.        6.4

              NO OF SAMPLES                7         8         8         7         8         8         7        8         7         7



                                         934        95        52        50        76        61        68        25        60       280
SAMP DTE HOUR  STN  STN SAMP  PJ       SAMPLE   ACIDITY   TOT ALK  HARDNESS    CALCUL     TOTAL    COLOUR   PHENOLS             REACTIVE
DY MO YR LMT   DIST BRG DEPTH             NO      MG/L    AT LAB     CACO3  HARDNESS      IRON     HAZEN            FLUORIDE  SILICATE
               FEET       MTRS                              MG/L      MG/L      MG/L      MG/L     UNITS      UG/L      MG/L   SI MG/L

22 01 75 1340              .3          24011       2.        11        19                 0.20        20       5.       0.1L      2.10
25 02 75 1445              .3          24033       2.         7        19                 0.25        15      21.       0.1L      2.50
26 03 75 1230              .3          24064       3.        13        22                 0.20        35                0.1L      3.00
12 06 75 1400              .3          24968       4.        11        16                 0.20        20       1. L     0.1       2.20
30 07 75 1320              .3          24855       1.        11                           0.20        10       0.0L     0.1L      2.00
27 08 75 1330              .3          24902       1.        11                  16.      0.09        10       1. L     0.1       2.10
24 09 75 1320              .3          24549       0.        11                  18.      0.15        20       1. L     0.1L      2.00
16 12 75 1400              .3          24329                                     18.


                   MAXIMUM                         4.        13        22        18.      0.25        35      21.       0.1       3.00
         AVG OR GEOM MN (*)                        1.        11        19        17.      0.18        19       4.8D     0.1D      2.27
                   MINIMUM                         0.         7        16        16.      0.09        10       0.0      0.1       2.00

              NO OF SAMPLES                        7         7         4         3         7         7         6        7         7
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CONT'D

3.O.W./ SITE: PETAWAWA RIVER
SAMPLE POINT: HIGHWAY 17 BRIDGE PETAWAWA
STATION TYPE: RIVER

STATION ID: 18-4930-020-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: PETAWAWA RIVER

STORET CODE: 02
006
4350

STN NO 20 LAT LONG U.T.M. 18 0322700.0 5085650.0 4 REGION 04 MILEAGE 1.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
22 01 75 1340			.3		9.	54.	15. L		39	0.7	1.40			30
25 02 75 1445			.3		8.	50.	12.	38		0.8	1.90			20L
26 03 75 1230			.3		2.	40.	5.		35	0.7	1.60			30
12 06 75 1400			.3		8.	41.	2.		39	0.7	1.40			20L
30 07 75 1320			.3		9.	34.	2.		32	0.6	1.40			20L
27 08 75 1330			.3		8.	33.	1. L		32	0.7	1.40			20L
24 09 75 1320			.3		10.	34.	1.		33	0.6	1.40			20L
16 12 75 1400			.3			41.	2.		39					
MAXIMUM					10.	54.	15.	38	39	0.8	1.90			30
AVG OR GEOM MN (*)					7.	40.	5. D	38	36	0.7	1.50			23D
MINIMUM					2.	33.	1.	38	32	0.6	1.40			20
NO OF SAMPLES					7	8	8	1	7	7	7			7

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	203 TOTAL ALUMINUM MG/L	265 TOTAL ARSENIC MG/L	64 CALCIUM MG/L	72 TOTAL CALCIUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	272 SIMPLE CYANIDE MG/L	215 TOTAL CADMIUM MG/L	229 TOTAL LEAD MG/L
22 01 75 1340			.3		24011	0.04 L		5.0			0.05 L			
25 02 75 1445			.3		24033	0.04 L		4.0			0.05 L			
26 03 75 1230			.3		24064	0.10		8.0			0.05 L			
12 06 75 1400			.3		24968	0.03		4.0			0.05 L			
30 07 75 1320			.3		24855	0.12			4.0		0.04			
27 08 75 1330			.3		24902	0.03 L			4.4		0.03 L			
24 09 75 1320			.3		24549	0.03 L			4.0		0.03 L			
MAXIMUM						0.12		8.0	4.4		0.05			
AVG OR GEOM MN (*)						0.06 D		5.3	4.1		0.04 D			
MINIMUM						0.03		4.0	4.0		0.03			
NO OF SAMPLES						7		4	3		7			

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	65 MAG NESIUM MG/L	74 TOT. MAG NESIUM MG/L	200 MANGNESE MN MG/L	235 TOTAL MERCURY UG/L	238 TOTAL NICKEL MG/L	249 TOTAL ZINC MG/L	217 TOTAL COBALT MG/L	218 BARIUM MG/L	219 SELENIUM MG/L	361 SOLVENT EXTRBLES MG/L
22 01 75 1340			.3		1.0		0.04 L		0.07 L	0.050L				
25 02 75 1445			.3		2.0		0.04 L		0.07 L	0.050L				
26 03 75 1230			.3		1.0		0.04 L		0.07 L	0.060				
12 06 75 1400			.3		1.0		0.04		0.07 L	0.050L				
30 07 75 1320			.3			1.70	0.03		0.04 L	0.030L				
27 08 75 1330			.3			1.75	0.03		0.03 L	0.020L				
24 09 75 1320			.3			1.80	0.02 L		0.02 L	0.020L				
MAXIMUM					2.0	1.80	0.04		0.07	0.060				
AVG OR GEOM MN (*)					1.3	1.75	0.03 D		0.05 D	0.040D				
MINIMUM					1.0	1.70	0.02		0.02	0.020				
NO OF SAMPLES					4	3	7		7	7				

SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

B.O.W./ SITE: MATTAWA RIVER
SAMPLE POINT: HIGHWAY 533 BRIDGE MATTAWA
STATION TYPE: RIVER

STATION ID: 18-6070-020-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: MATTAWA RIVER

STORET CODE: 02
006
5570

STN NO 20   LAT   LONG   U.T.M. 17 0676450.0 5131800.0 4   REGION 05   MILEAGE 0.10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
07 01 75 1215			.3		29516	6		70.	10. L	10. L		1.0	12.5	0.8
05 02 75 1055			.3		29551	4		10. L	10. L	10. L		0.0	10.5	0.8
13 04 75 1130			.3		29577	6		32.	1.	1.		3.0	12.0	0.8
27 04 75 0155			.3		29597	6		28.	1.	1.		5.0	12.0	0.8
19 05 75 1710			.3		29627	6		12.	1.	4.		12.0	9.0	0.8
15 06 75 1430			.3		29655	6		348.	16.	1.		20.0	9.0	0.8
06 07 75 1730			.3		29681	6		1140.	10. L	80.		25.0	8.0	1.0
04 08 75 1530			.3		29719	6		1080.	296.	8.		23.0	6.5	0.4
01 09 75 1540			.3		29737	6		100. L	80.	20.		19.0	6.0	0.6
21 09 75 1530			.3		29762	6 8		200.	160.	124.		18.0	7.5	1.0
22 10 75 1255			.3		29775	6		10. L	10. L	10.		13.0		0.6
13 11 75 1125			.3		29801	6		200.	90.	28.		10.0		1.4
17 12 75 1515			.3		29828	6						3.0		1.6
MAXIMUM								1140.	296.	124.		25.0	12.5	1.6
AVG OR GEOM MN (*)								84.* D	14.* D	9.* D		11.7	9.3	0.9
MINIMUM								10.	1.	1.		0.0	6.0	0.4
NO OF SAMPLES								12	12	12		13	10	13

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
07 01 75 1215			.3		0.030	0.003	0.01	0.34	0.003	0.090	2.10	45	2.	
05 02 75 1055			.3		0.010	0.003	0.02	0.27	0.002	0.210	1.40	62	2.	
13 04 75 1130			.3		0.006	0.003	0.01	0.22	0.003	0.180	1.20	67	3.	
27 04 75 0155			.3		0.023	0.003	0.01	0.32	0.004	0.080	3.90	57	2.	
19 05 75 1710			.3		0.034	0.003	0.02	0.40	0.004	0.060	2.50	48	1.	
15 06 75 1430			.3		0.023	0.021	0.14	0.39	0.003	0.090	1.70	60	2.	
06 07 75 1730			.3		0.026	0.002	0.14	0.57	0.005	0.130	2.60	63	2.	
04 08 75 1530			.3		0.017	0.006	0.17	0.47	0.004	0.070	1.50	62	2.	
01 09 75 1540			.3		0.013	0.001	0.03	0.30	0.003	0.040	2.20	60	2.	
21 09 75 1530			.3		0.036	0.005	0.07	0.40	0.007	0.170	8.00	70	2.	
22 10 75 1255			.3		0.030	0.001	0.13	0.44	0.004	0.120	3.00	63	2.	
13 11 75 1125			.3		0.062	0.003	0.21	0.61	0.005	0.090	5.00	68	2.	
17 12 75 1515			.3		0.017	0.001	0.03	0.37	0.004	0.140	2.50	67	3.	
MAXIMUM					0.062	0.021	0.21	0.61	0.007	0.210	8.00	70	3.	
AVG OR GEOM MN (*)					0.025	0.004	0.08	0.39	0.004	0.113	2.89	61	2.	
MINIMUM					0.006	0.001	0.01	0.22	0.002	0.040	1.20	45	1.	
NO OF SAMPLES					13	13	13	13	13	13	13	13	13	

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
07 01 75 1215			.3			45.	15. L		30					
05 02 75 1055			.3			60.	15. L	45						
13 04 75 1130			.3			44.	1.	43						
27 04 75 0155			.3			47.	10.		37					
19 05 75 1710			.3			57.	26.		31					
15 06 75 1430			.3			47.	8.		39					
06 07 75 1730			.3			44.	4.		40					
04 08 75 1530			.3			51.	11.		40					
01 09 75 1540			.3			43.	2.		41					
21 09 75 1530			.3			68.	11.		57					
13 11 75 1125			.3			59.	13.		46					
17 12 75 1515			.3			46.	4.		42					
MAXIMUM						68.	26.	45	57					
AVG OR GEOM MN (*)						50.	10. D	44	40					
MINIMUM						43.	1.	43	30					
NO OF SAMPLES						12	12	2	10					

SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: KAIBUSKONG RIVER
SAMPLE POINT: HIGHWAY 17 15 MILES EAST OF NORTH BAY
STATION TYPE: RIVER

STATION ID: 18-6070-060-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: MATTAWA RIVER

STORET CODE: 02
006
5570

STN NO 60 LAT LONG U.T.M. 17 0643100.0 5125450.0 4 REGION 05 MILEAGE 23.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NC	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
07 01 75 1120			.3		29514	4		80.	10. L	10. L		1.0	8.0	1.0
05 02 75 1000			.3		29549	4		10.	10. L	10. L		0.0	11.5	0.6
13 04 75 1030			.3		29575	6		56.	4.	1.		4.0	13.0	0.8
27 04 75 1300			.3		29595	6		92.	1.	1.		8.0	12.0	1.2
19 05 75 1615			.3		29625	6		28.	4.	4.		18.0	8.0	0.8
15 06 75 1345			.3		29653	6						20.0	8.0	0.6
06 07 75 1645			.3		29679	6		90.	10.	10. L		27.0	7.5	1.0
04 08 75 1445			.3		29717	6		380.	60.	10. L		24.0	7.5	1.4
01 09 75 1425			.3		29735	6		60.	30.	10. L		17.0	7.5	0.4
21 09 75 1405			.3		29760	6		300.	100.	50.		17.0	10.0	0.8
22 10 75 1215			.3		29773	6		100. L	10.	20.		11.0		0.8
13 11 75 1050			.3		29799	6		100.	10. L	60.		8.0		0.8
17 12 75 1440			.3		29826	6						3.0		1.4
MAXIMUM								380.	100.	60.		27.0	13.0	1.4
AVG OR GEOM MN (*)								79.* D	11.* D	9.* D		12.2	9.3	0.9
MINIMUM								10.	1.	1.		0.0	7.5	0.4
NC OF SAMPLES								11	11	11		13	10	13

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
07 01 75 1120			.3		0.040	0.006	0.05	0.51	0.004	0.070	2.80	73	2.	
05 02 75 1000			.3		0.014	0.005	0.04	0.35	0.003	0.160	1.40	66	2.	
13 04 75 1030			.3		0.014	0.001	0.01	0.31	0.003	0.080	1.50	71	3.	7.3
27 04 75 1300			.3		0.030	0.005	0.01	0.35	0.003	0.060	3.00	55	2.	
19 05 75 1615			.3		0.022	0.004	0.03	0.40	0.004	0.010L	2.40	56	2.	7.1
15 06 75 1345			.3		0.037	0.006	0.01	0.42	0.002	0.030	2.70	66	2.	7.5
06 07 75 1645			.3		0.040	0.008	0.02	0.46	0.003	0.040	6.40	62	3.	
04 08 75 1445			.3		0.100	0.004	0.04	0.70	0.016	0.010	7.30	63	2.	
01 09 75 1425			.3		0.020	0.005	0.01 L	0.33	0.002	0.020	3.30	78	4.	
21 09 75 1405			.3		0.032	0.004	0.01 L	0.40	0.003	0.010	4.00	125	18.	
22 10 75 1215			.3		0.026	0.003	0.01 L	0.45	0.004	0.050	2.40	88	2.	
13 11 75 1050			.3		0.015	0.003	0.01	0.39	0.003	0.070	3.00	80	3.	
17 12 75 1440			.3		0.023	0.003	0.01 L	0.36	0.003	0.030	3.00	65	2.	
MAXIMUM					0.100	0.008	0.05	0.70	0.016	0.160	7.30	125	18.	7.5
AVG OR GEOM MN (*)					0.032	0.004	0.02 D	0.42	0.004	0.049D	3.32	73	3.	7.3
MINIMUM					0.014	0.001	0.01	0.31	0.002	0.010	1.40	55	2.	7.1
NO OF SAMPLES					13	13	13	13	13	13	13	13	13	3

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
05 02 75 1000			.3		29549									
13 04 75 1030			.3		29575	3.	20	27		0.15	10			
19 05 75 1615			.3		29625	3.	15	24		0.35	20			
15 06 75 1345			.3		29653	2.	17	22		0.82	15			
MAXIMUM						3.	20	27		0.82	20			
AVG OR GEOM MN (*)						2.	17	24		0.44	15			
MINIMUM						2.	15	22		0.15	10			
NO OF SAMPLES						3	3	3		3	3			

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
05 02 75 1000			.3			60.	15. L	45						
13 04 75 1030			.3			49.	3.		46					
19 05 75 1615			.3			45.	9.		36					
15 06 75 1345			.3			50.	8.		42					
MAXIMUM						60.	15.	45	46					
AVG OR GEOM MN (*)						51.	8. D	45	41					
MINIMUM						45.	3.	45	36					
NO OF SAMPLES						4	4	1	3					

SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: AMABLE DU FOND RIVER
SAMPLE POINT: HIGHWAY 17 10 MILE WEST OF MATTAWA
STATION TYPE: RIVER

STATION ID: 18-6070-080-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: MATTAWA RIVER

STORET CODE: 02
006
5570

STN NO 80 LAT LONG U.T.M. 17 0661400.0 5127750.0 4 REGION 05 MILEAGE 9.30

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
07 01 75 1150			.3		29515	4	298.	20.	10. L	10. L		2.0	11.5	0.4
05 02 75 1030			.3		29550	4	233.	10. L	10. L	10. L		0.0	10.5	0.6
13 04 75 1100			.3		29576	6	259.	4.	1.	1.		3.0	10.5	0.8
27 04 75 1330			.3		29596	6	1870.	36.	1.	1.		6.0	10.0	1.1
19 05 75 1635			.3		29626	6	1050.	32.	1.	1.		15.0	9.0	0.4
15 06 75 1405			.3		29654	6	521.	12.	4.	1.		20.0	8.0	0.4
06 07 75 1715			.3		29680	6	213.	80.	10.	10. L		27.0	7.0	0.6
04 08 75 1505			.3		29718	6	75.1	410.	50.	20.		25.0	7.0	0.4
01 09 75 1515			.3		29736	6	54.5	90.	10.	10. L		19.0	6.5	0.2
21 09 75 1500			.3		29761	6	94.1	100.	10.	10. L		17.0	8.5	0.4
22 10 75 1235			.3		29774	6	304.	80.	20.	110.		12.0		0.8
13 11 75 1105			.3		29800	6	231.	10. L	1.	1.		10.0		0.6
17 12 75 1500			.3		29827	6	614.					3.0		1.0
MAXIMUM							1870.	410.	50.	110.		27.0	11.5	1.1
AVG OR GEOM MN (*)							447.4	34.* D	5.* D	5.* D		12.2	8.9	0.6
MINIMUM							54.5	4.	1.	1.		0.0	6.5	0.2
NO OF SAMPLES							13	12	12	12		13	10	13

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
07 01 75 1150			.3		0.009	0.003	0.01	0.27	0.002	0.060	0.80	47	1.	
05 02 75 1030			.3		0.012	0.004	0.01	0.18	0.002	0.130	1.40	70	1.	
13 04 75 1100			.3		0.004	0.001	0.01	0.23	0.002	0.060	1.20	50	1.	7.0
27 04 75 1330			.3		0.022	0.002	0.01	0.34	0.004	0.050	4.50	49	1.	
19 05 75 1635			.3		0.010	0.002	0.01	0.30	0.003	0.030	1.80	43	1.	7.0
15 06 75 1405			.3		0.011	0.002	0.01 L	0.25	0.002	0.020	1.10	50	1.	7.7
06 07 75 1715			.3		0.020	0.001	0.01	0.33	0.002	0.010L	2.90	47	1.	
04 08 75 1505			.3		0.009	0.002	0.04	0.31	0.003	0.020	1.10	61	5.	
01 09 75 1515			.3		0.010	0.002	0.01 L	0.27	0.001	0.010L	1.00	50	2.	
21 09 75 1500			.3		0.010	0.001	0.01	0.28	0.002	0.010	1.50	55	1.	
22 10 75 1235			.3		0.011	0.002	0.01 L	0.23	0.003	0.030	0.86	54	1.	
13 11 75 1105			.3		0.014	0.003	0.01	0.26	0.002	0.070	2.10	50	1.	
17 12 75 1500			.3		0.013	0.003	0.02	0.27	0.004	0.080	3.00	54	1.	
MAXIMUM					0.022	0.004	0.04	0.34	0.004	0.130	4.50	70	5.	7.7
AVG OR GEOM MN (*)					0.012	0.002	0.01 D	0.27	0.002	0.045D	1.79	52	1.	7.2
MINIMUM					0.004	0.001	0.01	0.18	0.001	0.010	0.80	43	1.	7.0
NO OF SAMPLES					13	13	13	13	13	13	13	13	13	3

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
05 02 75 1030			.3		29550									
13 04 75 1100			.3		29576	3.	15	23		0.20	15			
19 05 75 1635			.3		29626	2.	11	18		0.20	25			
15 06 75 1405			.3		29654	1.	9	16		0.48	20			
MAXIMUM						3.	15	23		0.48	25			
AVG OR GEOM MN (*)						2.	12	19		0.29	20			
MINIMUM						1.	9	16		0.20	15			
NO OF SAMPLES						3	3	3		3	3			

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
05 02 75 1030			.3			60.	15. L	45						
13 04 75 1100			.3			33.	1.		32					
19 05 75 1635			.3			32.	4.		28					
15 06 75 1405			.3			35.	2.		33					
MAXIMUM						60.	15.	45	33					
AVG OR GEOM MN (*)						40.	5. D	45	31					
MINIMUM						32.	1.	45	28					
NO OF SAMPLES						4	4	1	3					

SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

B.O.W./ SITE: GIROUX LAKE
SAMPLE POINT: AT OUTLET NEAR COBALT
STATION TYPE: LAKE

STATION ID: 18-6975-001-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: MONTREAL RIVER

STORET CODE: 02
006
6450

STN NO 1   LAT   LONG   U.T.M. 17 0599310.0 5245300.0 4   REGION 05   MILEAGE 66.30

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
06 01 75 1001			.3		29505	4		10.	10. L	10. L		2.0	8.5	
04 02 75 0930			.3		29541	4		12.	1.	1.		0.0	3.0	
10 04 75 0845			.3		29562	4		4.	1.	20.		1.0	6.0	
04 05 75 0905			.3		29605	6		10. L	10. L	10. L		8.0	8.0	
25 05 75 0915			.3		29635	6		70.	10. L	10. L		21.0	6.0	
22 06 75 1210			.3		29659	6		10. L	10. L	10. L		23.0	5.0	
27 07 75 1530			.3		29696	6		200.	10. L	10. L		22.0	6.5	
24 08 75 1530			.3		29724	6		10.	10. L	10. L		21.0	7.0	
14 09 75 1320			.3		29752	6		30.	4.	16.		13.0	7.0	
26 10 75 1310			.3		29788	6		10. L	1.	4.		10.0		2.0
16 11 75 1415			.3		29807	4		10.	10. L	10. L		6.0		0.6
27 12 75 1340			.3		29831	4						0.0		
MAXIMUM								200.	10.	20.		23.0	8.5	2.0
AVG OR GEOM MN (*)								16.* D	5.* D	8.* D		10.6	6.3	1.3
MINIMUM								4.	1.	1.		0.0	3.0	0.6
NO OF SAMPLES								11	11	11		12	9	2

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
06 01 75 1001			.3									270		
04 02 75 0930			.3									290		
10 04 75 0845			.3									295		
04 05 75 0905			.3									170		
25 05 75 0915			.3									255		
22 06 75 1210			.3									250		
27 07 75 1530			.3								1.00	250		
24 08 75 1530			.3									265		
14 09 75 1320			.3											
26 10 75 1310			.3		0.140	0.130	0.03	0.86	0.003	0.010L	30.00	282	5.	7.6
16 11 75 1415			.3		0.200	0.190	0.02	1.10	0.003	0.020	3.50	270	5.	8.0
27 12 75 1340			.3											
MAXIMUM					0.200	0.190	0.03	1.10	0.003	0.020	30.00	295	5.	8.0
AVG OR GEOM MN (*)					0.170	0.160	0.03	0.98	0.003	0.015D	11.50	260	5.	7.8
MINIMUM					0.140	0.130	0.02	0.86	0.003	0.010	1.00	170	5.	7.6
NO OF SAMPLES					2	2	2	2	2	2	3	10	2	2

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
06 01 75 1001			.3		29505							1. L	0.1L	1.45
04 02 75 0930			.3		29541							1. L	0.1L	0.55
10 04 75 0845			.3		29562							1.	0.1L	2.70
04 05 75 0905			.3		29605							1. L	0.1L	1.60
25 05 75 0915			.3		29635		104	122		0.10		1.		
22 06 75 1210			.3		29659		103	121		0.26	15	1. L		
27 07 75 1530			.3		29696					0.10		1. L	0.1	0.50
24 08 75 1530			.3		29724		115		134.	0.08		1. L		
14 09 75 1320			.3		29752		111		130.	0.36		1.		
26 10 75 1310			.3		29788	5.	110		128.	0.76	5	1. L		
16 11 75 1415			.3		29807	3.	108		128.	0.32	10	1. L		
27 12 75 1340			.3		29831		149		179.	0.20				
MAXIMUM						5.	149	122	179.	0.76	15	1.	0.1	2.70
AVG OR GEOM MN (*)						4.	114	122	139.	0.27	10	1. D	0.1D	1.36
MINIMUM						3.	103	121	128.	0.08	5	1.	0.1	0.50
NO OF SAMPLES						2	7	2	5	8	3	11	5	5

CONT'D

B.O.W./ SITE: GIROUX LAKE
SAMPLE POINT: AT OUTLET NEAR COBALT
STATION TYPE: LAKE

STATION ID: 18-6975-001-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: MONTREAL RIVER

STORET CODE: 02
006
6450

STN NO 1 LAT LONG U.T.M. 17 0599310.0 5245300.0 4 REGION 05 MILEAGE 66.30

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
06 01 75 1001			.3		27.					3.0	7.00			30
04 02 75 0930			.3		26.					3.0	8.00			30
10 04 75 0845			.3		29.					2.8	8.00			20L
04 05 75 0905			.3		15.					1.1	2.80			20L
25 05 75 0915			.3		23.									20L
22 06 75 1210			.3		27.									20
27 07 75 1530			.3							1.5	6.30			20L
24 08 75 1530			.3		25.									20
14 09 75 1320			.3		26.									45
26 10 75 1310			.3			208.	25.	183						
16 11 75 1415			.3		27.	254.	78.		176					30
27 12 75 1340			.3		36.									18
MAXIMUM					36.	254.	78.	183	176	3.0	8.00			45
AVG OR GEOM MN (*)					26.	231.	51.	183	176	2.3	6.42			25D
MINIMUM					15.	208.	25.	183	176	1.1	2.80			18
NO OF SAMPLES					10	2	2	1	1	5	5			11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	203 TOTAL ALUMINUM MG/L	265 TOTAL ARSENIC MG/L	64 CALCIUM MG/L	72 TOTAL CALCIUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	272 SIMPLE CYANIDE MG/L	215 TOTAL CADMIUM MG/L	229 TOTAL LEAD MG/L
06 01 75 1001			.3		29505	0.22		34.0			0.05 L			
04 02 75 0930			.3		29541	0.04 L		36.0			0.05 L			
10 04 75 0845			.3		29562	0.04 L		39.0			0.05 L			
04 05 75 0905			.3		29605	0.10		22.0			0.03 L			
25 05 75 0915			.3		29635						0.01 L			
27 07 75 1530			.3		29696	0.04			31.0		0.01 L			
24 08 75 1530			.3		29724						0.01 L			0.01 L
14 09 75 1320			.3		29752						0.05			0.01 L
26 10 75 1310			.3		29788						0.01 L			0.C1 L
16 11 75 1415			.3		29807						0.03			0.01 L
27 12 75 1340			.3		29831						0.02			
MAXIMUM						0.22		39.0	31.0		0.05			0.01
AVG OR GEOM MN (*)						0.09 D		32.8	31.0		0.03 D			0.01 D
MINIMUM						0.04		22.0	31.0		0.01			0.01
NO OF SAMPLES						5		4	1		11			4

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	65 MAG NESIUM MG/L	74 TOT. MAG NESIUM MG/L	200 MANGNESE MN MG/L	235 TOTAL MERCURY UG/L	238 TOTAL NICKEL MG/L	249 TOTAL ZINC MG/L	217 TOTAL COBALT MG/L	218 BARIUM MG/L	219 SELENIUM MG/L	361 SOLVENT EXTRBLES MG/L
06 01 75 1001			.3		10.0		0.07		0.07 L	0.050L				
04 02 75 0930			.3		11.0		0.04		0.07 L	0.050L				
10 04 75 0845			.3		10.0		0.04		0.07 L	0.050L				
04 05 75 0905			.3		6.0		0.02 L		0.04 L	0.030L				
25 05 75 0915			.3						0.02 L	0.010L	0.02 L			
27 07 75 1530			.3			11.00	0.04 L		0.04 L		0.04 L			
24 08 75 1530			.3						0.01 L	0.010L				
14 09 75 1320			.3						0.02 L	0.010L	0.02 L			
26 10 75 1310			.3						0.03	0.060				
16 11 75 1415			.3						0.01 L	0.030	0.01 L			
27 12 75 1340			.3						0.02 L	0.090	0.02 L			
MAXIMUM					11.0	11.00	0.07		0.07	0.090	0.04			
AVG OR GEOM MN (*)					9.3	11.00	0.04 D		0.04 D	0.039D	0.02 D			
MINIMUM					6.0	11.00	0.02		0.01	0.010	0.01			
NO OF SAMPLES					4	1	5		11	10	5			

SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: MONTREAL RIVER
SAMPLE POINT: AT BRIDGE UPSTREAM FROM CONFULANCE WITH OTTAWA RIVER
STATION TYPE: RIVER

STATION ID: 18-6975-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: MONTREAL RIVER

STORET CODE: 02
006
6450

STN NO 2 LAT LONG U.T.M. 17 0616500.0 5221900.0 4 REGION 05 MILEAGE 0.10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
06 01 75 1100			.3		29506	6	2670.	10. L	10. L	10. L		1.0	11.5	0.4
04 02 75 1000			.3		29542	4	3060.	4.	1.	1.		0.0	6.0	0.6
10 04 75 0935			.3		29563	6	2380.	1.	1.	1.		2.0	8.5	0.4
04 05 75 0945			.3		29606	6	7700.	10. L	10. L	10. L		6.0	8.5	0.6
25 05 75 0945			.3		29636	6	262.	10. L	10. L	10. L		19.0	8.0	0.6
22 06 75 1245			.3		29660	6	1260.	10.	10. L	10. L		22.0	8.0	1.0
27 07 75 1345			.3		29697	6	218.	10. G	10. L	10. L		22.0	7.5	0.6
24 08 75 1430			.3		29725	6	0.	900.	10. L	10. L		20.0	7.0	0.4
14 09 75 1450			.3		29754	6	0.	100.	1.	1.		15.0	8.0	0.4
26 10 75 1415			.3		29790	6	0.	20.	10. L	10. L		13.0		1.0
16 11 75 1530			.3		29809	6	0.	10. L	10. L	10. L		9.0		0.2
MAXIMUM							7700.	900.	10.	10.		22.0	11.5	1.0
AVG OR GEOM MN (*)							1595.	15.* E	5.* D	5.* D		11.7	8.1	0.6
MINIMUM							0.	1.	1.	1.		0.0	6.0	0.2
NO OF SAMPLES							11	11	11	11		11	9	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
06 01 75 1100			.3		0.008	0.003	0.02	0.20	0.004	0.040	0.90	69	1.	7.2
04 02 75 1000			.3		0.007	0.003	0.02	0.17	0.001L	0.060	1.00	70	1.	7.5
10 04 75 0935			.3		0.006	0.002	0.01	0.20	0.002	0.050	1.00	73	1.	7.3
04 05 75 0945			.3		0.014	0.002	0.02	0.26	0.003	0.100	2.10	70	1.	7.1
25 05 75 0945			.3		0.029	0.016	0.01 L	0.28	0.003	0.040	1.50	74	1.	7.5
22 06 75 1245			.3		0.013	0.002	0.01	0.33	0.004	0.040	1.10	70	1.	7.4
27 07 75 1345			.3		0.014	0.008	0.01	0.27	0.004	0.010	1.80	74	1.	7.6
24 08 75 1430			.3		0.013	0.002	0.01 L	0.31	0.002	0.010L	1.00	80	1.	7.7
14 09 75 1450			.3		0.010	0.002	0.01	0.25	0.003	0.020	0.55	75	1.	7.8
26 10 75 1415			.3		0.015	0.004	0.01 L	0.29	0.002	0.070	1.80	79	1.	7.3
16 11 75 1530			.3		0.014	0.004	0.01 L	0.29	0.002	0.100	1.50	90	1.	
MAXIMUM					0.029	0.016	0.02	0.33	0.004	0.100	2.10	90	1.	7.8
AVG OR GEOM MN (*)					0.013	0.004	0.01 D	0.26	0.003D	0.049D	1.30	75	1.	7.4
MINIMUM					0.006	0.002	0.01	0.17	0.001	0.010	0.55	69	1.	7.1
NO OF SAMPLES					11	11	11	11	11	11	11	11	11	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
06 01 75 1100			.3		29506	2.	19	28		0.25	15			
04 02 75 1000			.3		29542	2.	21	26		0.10	15			
10 04 75 0935			.3		29563	3.	20	31		0.25	20			
04 05 75 0945			.3		29606	3.	22	35		0.35	35			
25 05 75 0945			.3		29636	3.	23	32		0.20	40			
22 06 75 1245			.3		29660	2.	22	30		0.20	35			
27 07 75 1345			.3		29697	1.	20		33.	0.30	30			
24 08 75 1430			.3		29725	2.	20		31.	0.09	15			
14 09 75 1450			.3		29754	1.	24		35.	0.23	20			
26 10 75 1415			.3		29790	3.	25		33.	0.30	30			
MAXIMUM						3.	25	35	35.	0.35	40			
AVG OR GEOM MN (*)						2.	22	30	33.	0.23	26			
MINIMUM						1.	19	26	31.	0.09	15			
NO OF SAMPLES						10	10	6	4	10	10			

CONT'D

B.O.W./ SITE: MONTREAL RIVER
SAMPLE POINT: AT BRIDGE UPSTREAM FROM CONFULANCE WITH OTTAWA RIVER
STATION TYPE: RIVER

STATION ID: 18-6975-002-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: MONTREAL RIVER

STORET CODE: 02
006
6450

STN NO 2 LAT LONG

U.T.M. 17 0616500.0 5221900.0 4 REGION 05 MILEAGE 0.10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
06 01 75	1100			.3			60.	15. L		45					
04 02 75	1000			.3			65.	15. L		50					
10 04 75	0935			.3			55.	5.	50						
04 05 75	0945			.3			51.	5.		46					
25 05 75	0945			.3			51.	2.		49					
22 06 75	1245			.3			48.	2.		46					
27 07 75	1345			.3			52.	4.		48					
24 08 75	1430			.3			58.	3.		55					
14 09 75	1450			.3			51.	2.		49					
26 10 75	1415			.3			53.	2.		51					
MAXIMUM							65.	15.	50	55					
AVG OR GEOM MN (*)							54.	5. D	50	49					
MINIMUM							48.	2.	50	45					
NO OF SAMPLES							10	10	1	9					

B.O.W./ SITE: MONTREAL RIVER
SAMPLE POINT: AT HIGHWAY 11 LATCHFORD
STATION TYPE: RIVER

STATION ID: 18-6975-003-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: MONTREAL RIVER

STORET CODE: 02
006
6450

STN NO 3 LAT LONG

U.T.M. 17 0589950.0 5241400.0 4 REGION 05 MILEAGE 22.00

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
06 01 75	0857			.3		29502	6		30.	10. L	10. L		2.0	11.5	0.6
04 02 75	0800			.3		29538	4		1.	1.	1.		0.0	11.5	0.2
10 04 75	0800			.3		29559	6		4.	1.	1.		3.0	12.0	0.4
04 05 75	1300			.3		29602	6		10. L	10. L	10. L		8.0	10.5	0.5
25 05 75	1245			.3		29632	6		10.	10. L	10. L		19.0	8.0	1.0
22 06 75	1105			.3		29662	6		10. L	10. L	10. L		20.0	8.0	0.6
27 07 75	1700			.3		29699	6		200.	10. L	50.		22.0	7.0	0.6
24 08 75	1630			.3		29727	6		190.	10. L	10. L		20.0	7.0	0.4
14 09 75	1215			.3		29749	6		10. L	1.	1.		14.0	9.0	0.6
26 10 75	1215			.3		29785	6		4.	1.	1.		10.0		1.2
16 11 75	1340			.3		29805	6		30.	10. L	10. L		6.0		0.8
27 12 75	1430			.3		29833	6						0.0		0.6
MAXIMUM									200.	10.	50.		22.0	12.0	1.2
AVG OR GEOM MN (*)									14.* D	4.* D	5.* D		10.3	9.4	0.6
MINIMUM									1.	1.	1.		0.0	7.0	0.2
NO OF SAMPLES									11	11	11		12	9	12

CONT'D

B.O.W./ SITE: MONTREAL RIVER
SAMPLE POINT: AT HIGHWAY 11 LATCHFORD
STATION TYPE: RIVER

STATION ID: 18-6975-003-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: MONTREAL RIVER

STORET CODE: 02
006
6450

STN NO 3 LAT LONG U.T.M. 17 0589950.0 5241400.0 4 REGION 05 MILEAGE 22.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
06 01 75 0857			.3		0.018	0.003	0.02	0.28	0.004	0.050	0.65	74	1.	7.2
04 02 75 0800			.3		0.005	0.003	0.02	0.20	0.001L	0.060	1.20	79	1.	7.8
10 04 75 0800			.3		0.010	0.002	0.02	0.22	0.002	0.050	1.00	71	1.	7.3
04 05 75 1300			.3		0.014	0.002	0.01	0.26	0.003	0.090	2.00	65	1.	6.9
25 05 75 1245			.3		0.012	0.004	0.02	0.21	0.003	0.020	1.50	68	1.	7.7
22 06 75 1105			.3		0.010	0.002	0.01 L	0.26	0.005	0.040	1.00	66	1.	7.4
27 07 75 1700			.3		0.014	0.002	0.01	0.34	0.003	0.010L	1.60	76	1.	7.7
24 08 75 1630			.3		0.011	0.003	0.01 L	0.27	0.002	0.010L	1.00	83	1.	7.7
14 09 75 1215			.3		0.010	0.001	0.01	0.42	0.002	0.010L	0.90	70	1.	7.7
26 10 75 1215			.3		0.037	0.002	0.01 L	0.29	0.002	0.010L	1.00	79	1.	7.2
16 11 75 1340			.3		0.004	0.001L	0.01	0.24	0.003	0.010L	1.50	78	1.	
27 12 75 1430			.3		0.007	0.002	0.02	0.25	0.002	0.030	0.80	80		7.6
MAXIMUM					0.037	0.004	0.02	0.42	0.005	0.090	2.00	83	1.	7.8
AVG OR GEOM MN (*)					0.013	0.002D	0.01 D	0.27	0.003D	0.033D	1.18	74	1.	7.5
MINIMUM					0.004	0.001	0.01	0.20	0.001	0.010	0.65	65	1.	6.9
NO OF SAMPLES					12	12	12	12	12	12	12	12	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
06 01 75 0857			.3		29502		19	30		0.20	15			
04 02 75 0800			.3		29538	2.	21	27		0.15	15			
10 04 75 0800			.3		29559	3.	18	138		0.35	15			
04 05 75 1300			.3		29602	3.	21	34		0.30	40			
25 05 75 1245			.3		29632	2.	22	31		0.20	40			
22 06 75 1105			.3		29662	2.	20	30		0.18	30			
27 07 75 1700			.3		29699	1.	20		30.	0.25	20			
24 08 75 1630			.3		29727	2.	23		34.	0.13	20			
14 09 75 1215			.3		29749	1.	21		36.	0.14	15			
26 10 75 1215			.3		29785	3.	25		34.	0.09	15			
27 12 75 1430			.3		29833	2.			36.	0.08		1. L		
MAXIMUM						3.	25	138	36.	0.35	40	1.		
AVG OR GEOM MN (*)						2.	21	48	34.	0.19	23	1. D		
MINIMUM						1.	18	27	30.	0.08	15	1.		
NO OF SAMPLES						11	10	6	5	11	10	1		

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
06 01 75 0857			.3			65.	15. L		50					
04 02 75 0800			.3			65.	15. L		50					
10 04 75 0800			.3			70.	8.	62						
04 05 75 1300			.3			47.	5.		42					
25 05 75 1245			.3			48.	2.		46					
22 06 75 1105			.3			44.	2.		42					
27 07 75 1700			.3			56.	7.		49					
24 08 75 1630			.3			60.	3.		57					
14 09 75 1215			.3			51.	5.		46					
26 10 75 1215			.3			53.	2.		51					
27 12 75 1430			.3			53.	1.		52					
MAXIMUM						70.	15.	62	57					
AVG OR GEOM MN (*)						55.	5. D	62	49					
MINIMUM						44.	1.	62	42					
NO OF SAMPLES						11	11	1	10					

SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS

DATE OF REPORT 28 OCT 77

B.O.W./ SITE: FARR CREEK
SAMPLE POINT: DOWNSTREAM FROM CROSSWISE LAKE
STATION TYPE: RIVER

STATION ID: 18-7370-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: FARR CREEK

STORET CODE: 02
006
6870

STN NO 1 LAT LONG U.T.M. 17 0603100.0 5253100.0 4 REGION 05 MILEAGE 3.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
06 01 75 1145			.3		29507	4	14.0	3900.	1100.	370.		1.0	9.5	1.2
04 02 75 1045			.3		29543	4	8.5	1200.	10.	80.		0.0	3.0	1.0
04 05 75 1030			.3		29607	6	160.	10.	10. L	10. L		8.0	10.5	0.9
25 05 75 1025			.3		29637	6	34.5	10. L	10. L	10. L		23.0	7.0	1.4
22 06 75 1315			.3		29657	6	15.5	10. L	10. L	10. L		22.0	13.0	1.6
27 07 75 1500			.3		29698	6	3.1	50.	1.	4.		24.0	10.0	1.8
24 08 75 1230			.3		29726	6	7.4	290.	140.	10. L		21.0	7.0	1.2
14 09 75 1400			.3		29753	6	2.8	70.	30.	10. L		13.0	10.0	
26 10 75 1325			.3		29789	6	3.2	110.	10. L	10. L		10.0		5.0
16 11 75 1450			.3		29808	6	2.4	64.	1.	10. L		4.0		2.2
27 12 75 1315			.3		29830	4	9.6					0.0		
MAXIMUM							160.	3900.	1100.	370.		24.0	13.0	5.0
AVG OR GEOM MN (*)							23.7	90.* D	15.* D	16.* D		11.5	6.8	1.8
MINIMUM							2.4	10.	1.	4.		0.0	3.0	0.9
NO OF SAMPLES							11	10	10	10		11	8	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
06 01 75 1145			.3		0.160	0.110	0.30	0.74	0.007	0.120	2.50	265	10.	
04 02 75 1045			.3		0.180	0.170	0.70	1.60	0.017	1.200	1.00	490	24.	
04 05 75 1030			.3		0.070	0.046	0.02	0.28	0.004	0.100	3.50	140		
25 05 75 1025			.3		0.160	0.016	0.03	0.64	0.002	0.010L	2.20	190		
22 06 75 1315			.3		0.260	0.260	0.05	0.70	0.002	0.010L	2.00	240	10.	
27 07 75 1500			.3		0.340	0.300	0.01	0.70	0.004	0.010L	3.50	250	19.	
24 08 75 1230			.3		0.430	0.320	0.02	0.66	0.002	0.010L	4.00	275	27.	
14 09 75 1400			.3											
26 10 75 1325			.3		0.290	0.200	0.01 L	0.84	0.002	0.010L	20.00	440	47.	
16 11 75 1450			.3		0.270	0.250	0.02	0.89	0.007	0.090	5.00	390	28.	
27 12 75 1315			.3											
MAXIMUM					0.430	0.320	0.70	1.60	0.017	1.200	20.00	490	47.	
AVG OR GEOM MN (*)					0.240	0.186	0.13 D	0.78	0.005	0.173D	4.86	298	23.	
MINIMUM					0.070	0.016	0.01	0.28	0.002	0.010	1.00	140	10.	
NO OF SAMPLES					9	9	9	9	9	9	9	9	7	

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
06 01 75 1145			.3		29507									
04 02 75 1045			.3		29543									
04 05 75 1030			.3		29607					0.60	15			
25 05 75 1025			.3		29637									
22 06 75 1315			.3		29657					0.38	5			
14 09 75 1400			.3		29753		78		104.	0.27				
26 10 75 1325			.3		29789					0.74				
27 12 75 1315			.3		29830		109		141.	1.00				
MAXIMUM							109		141.	1.00	15			
AVG OR GEOM MN (*)							94		122.	0.60	10			
MINIMUM							78		104.	0.27	5			
NO OF SAMPLES							2		2	5	2			

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B.O.W./ SITE: FARR CREEK                                                                                   STATION ID:  18-7370-001-02
SAMPLE POINT: DOWNSTREAM FROM CROSSWISE LAKE
STATION TYPE: RIVER                                             MAJOR BASIN: GREAT LAKES                                  STORET CODE: 02
                                                                MINOR BASIN: OTTAWA RIVER                                              006
                                                                TERM STREAM: FARR CREEK                                                6870

STN NO       1       LAT                 LONG                   U.T.M. 17 0603100.0 5253100.0 4     REGION 05               MILEAGE    3.40

                                          59         5         6         7       107        67        66        45        47        41
SAMP DTE HOUR  STN  STN SAMP  PJ   SULPHATE     TOTAL     SUSP.     DISS.     DISS.   PTSSIUM    SODIUM    TOT C   ORGANIC       COD
DY MO YR LMT   DIST BRG DEPTH                  SOLIDS    SOLIDS    SOLIDS    SOLIDS         K        NA     AS C    C AS C
               FEET      MTRS          MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L     MG/L      MG/L      MG/L

05 01 75 1145              .3           22.
04 02 75 1045              .3           38.
04 05 75 1030              .3            3.      102.       11.                  91
25 05 75 1025              .3           14.      127.        3.                 124
22 06 75 1315              .3                    163.        7.                 156
14 09 75 1400              .3           22.                                                                                         35
26 10 75 1325              .3
27 12 75 1315              .3           30.                                                                                         18


                      MAXIMUM           38.      163.       11.                 156                                                 35
            AVG OR GEOM MN (*)          21.      130.        7.                 124                                                 27
                      MINIMUM            3.      102.        3.                  91                                                 18

                  NO OF SAMPLES           6         3         3                   3                                                  2



                                        934       203       265        64        72       221       225       272       215       229
SAMP DTE HOUR  STN  STN SAMP  PJ     SAMPLE     TOTAL     TOTAL               TOTAL     TOTAL     TOTAL    SIMPLE     TOTAL     TOTAL
DY MO YR LMT   DIST BRG DEPTH            NO  ALUMINUM   ARSENIC   CALCIUM   CALCIUM  CHROMIUM    COPPER   CYANIDE   CADMIUM      LEAD
               FEET      MTRS                    MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

04 02 75 1045              .3         29543                                                      0.03 L                         0.06
04 05 75 1030              .3         29607                                                      0.03 L
27 07 75 1500              .3         29698                                                      0.02
14 09 75 1400              .3         29753                                                      0.03                           0.01 L
26 10 75 1325              .3         29789                                                      0.01 L                         0.01 L
27 12 75 1315              .3         29830                                                      0.02


                      MAXIMUM                                                                    0.03                           0.06
            AVG OR GEOM MN (*)                                                                   0.02 D                         0.03 D
                      MINIMUM                                                                    0.01                           0.01

                  NO OF SAMPLES                                                                     6                              3



                                         65        74       200       235       238       249       217       218       219       361
SAMP DTE HOUR  STN  STN SAMP  PJ        MAG  TOT. MAG  MANGNESE     TOTAL     TOTAL     TOTAL     TOTAL    BARIUM  SELENIUM   SOLVENT
DY MO YR LMT   DIST BRG DEPTH        NESIUM    NESIUM        MN   MERCURY    NICKEL      ZINC    COBALT      MG/L      MG/L  EXTRBLES
               FEET      MTRS          MG/L      MG/L      MG/L      UG/L      MG/L      MG/L      MG/L                          MG/L

04 02 75 1045              .3                                               0.06      0.070
04 05 75 1030              .3                                               0.04 L    0.030L    0.04 L
27 07 75 1500              .3                                               0.04      0.020     0.02
14 09 75 1400              .3                                               0.02 L    0.010L    0.02 L
26 10 75 1325              .3                                               0.01      0.040
27 12 75 1315              .3                                               0.02 L    0.050     0.03


                      MAXIMUM                                               0.06      0.070     0.04
            AVG OR GEOM MN (*)                                              0.03 D    0.037D    0.03 D
                      MINIMUM                                               0.01      0.010     0.02

                  NO OF SAMPLES                                                6         6         4
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SAMPLE INFORMATION SYSTEM      STATION SUMMARY REPORT - RIVER BASINS                 DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: COBALT LAKE                                                             STATION ID:  18-7370-002-01
 SAMPLE POINT: AT OUTLET, COBALT
 STATION TYPE: LAKE                                  MAJOR BASIN: GREAT LAKES                      STORET CODE: 02
                                                     MINOR BASIN: OTTAWA RIVER                                  006
                                                     TERM STREAM: FARR CREEK                                    6870

STN NO      2       LAT               LONG           U.T.M. 17 0599350.0 5249650.0 4      REGION 05            MILEAGE    5.90

                                          934        901        444         80         81         84         88        805          3          1
SAMP DTE HOUR  STN  STN SAMP  PJ       SAMPLE        SCD   FLOW CFS      TOTAL      FECAL       M.F.     PSEUD.      WATER      DISS.      5-DAY
DY MO YR LMT   DIST BRG DEPTH              NO                         COLIFORM   COLIFORM     ENTER.        MPA      TEMP.         O2        BOD
               FEET      MTRS                                         MF/100ML   MF/100ML   MF/100ML   MF/100ML      DEG C       MG/L       MG/L

06 01 75 0950              .3           29504          4                 5000.       100.       730.                   1.0        8.5        1.0
04 02 75 0900              .3           29540          4                18000.      3700.       110.                   0.0        4.0        2.8
04 05 75 0845              .3           29604          6                   30.     10.  L     10.  L                   7.0        9.0
25 05 75 0900              .3           29634          6                 10.  L    10.  L     10.  L                  23.0        8.0        1.2
22 06 75 1200              .3           29658          6                 10.  L    10.  L     10.  L                  22.0        9.5        1.0
27 07 75 1600              .3           29695          6                 1800.      1000.        60.                  23.0        8.5        8.0


                      MAXIMUM                                           18000.      3700.       730.                  23.0        9.5        8.0
           AVG OR GEOM MN (*)                                          280.* D     85.* D     41.* D                  12.7        7.9        2.8
                      MINIMUM                                              10.        10.        10.                   0.0        4.0        1.0

                NO OF SAMPLES                                                6          6          6                     6          6          5
                                           33         34         19         20         21         22         16         14         56         55
SAMP DTE HOUR  STN  STN SAMP  PJ        TOTAL   FILTERED   FILTERED      TOTAL    NITRITE    NITRATE      TURB.      COND.   CHLORIDE         PH
DY MO YR LMT   DIST BRG DEPTH               P   REACTIVE    AMMONIA   KJELDAHL      NO2-N      NO3-N   FORMAZIN        25C       MG/L     AT LAB
               FEET      MTRS            MG/L     P MG/L       MG/L       MG/L       MG/L       MG/L      UNITS      UMHOS

06 01 75 0950              .3           0.350      0.310       0.03       0.39      0.004      0.170       2.00        331        24.
04 02 75 0900              .3           1.100      0.270       0.25       1.50      0.007      0.950       1.60        216         9.
04 05 75 0845              .3                                                                                          190
25 05 75 0900              .3           0.390      0.290     0.01 L       0.33      0.001     0.010L       1.80        310        18.
22 06 75 1200              .3           0.440      0.390       0.01       0.29      0.002     0.010L       1.50        315
27 07 75 1600              .3           4.500      2.800       1.80       5.80      0.045      0.310      25.00        520        40.


                      MAXIMUM           4.500      2.800       1.80       5.80      0.045      0.950      25.00        520        40.
           AVG OR GEOM MN (*)           1.356      0.812     0.42 D       1.66      0.012     0.290D       6.38        314        22.
                      MINIMUM           0.350      0.270       0.01       0.29      0.001      0.010       1.50        190         9.

                NO OF SAMPLES               5          5          5          5          5          5          5          6          4
                                          934         95         52         50         76         61         68         25         60        280
SAMP DTE HOUR  STN  STN SAMP  PJ       SAMPLE    ACIDITY    TOT ALK   HARDNESS     CALCUL      TOTAL     COLOUR    PHENOLS              REACTIVE
DY MO YR LMT   DIST BRG DEPTH              NO       MG/L     AT LAB      CACO3   HARDNESS       IRON      HAZEN              FLUORIDE   SILICATE
               FEET      MTRS                                  MG/L       MG/L       MG/L       MG/L      UNITS       UG/L       MG/L    SI MG/L

04 05 75 0845              .3           29604
25 05 75 0900              .3           29634                                                   0.15         10      1.  L       0.1L       1.70
22 06 75 1200              .3           29658


                      MAXIMUM                                                                   0.15         10         1.        0.1       1.70
           AVG OR GEOM MN (*)                                                                   0.15         10      1.  D       0.1D       1.70
                      MINIMUM                                                                   0.15         10         1.        0.1       1.70

                NO OF SAMPLES                                                                      1          1          1          1          1
                                           59          5          6          7        107         67         66         45         47         41
SAMP DTE HOUR  STN  STN SAMP  PJ     SULPHATE      TOTAL      SUSP.      DISS.      DISS.    PTSSIUM     SODIUM      TOT C    ORGANIC        COD
DY MO YR LMT   DIST BRG DEPTH                     SOLIDS     SOLIDS     SOLIDS     SOLIDS          K         NA       AS C     C AS C
               FEET      MTRS            MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L

04 05 75 0845              .3             15.                                                    0.8       3.70
25 05 75 0900              .3                       204.         2.                   202                                                   110
22 06 75 1200              .3             27.       209.         4.                   205


                      MAXIMUM             27.       209.         4.                   205        0.8       3.70                             110
           AVG OR GEOM MN (*)             21.       206.         3.                   204        0.8       3.70                             110
                      MINIMUM             15.       204.         2.                   202        0.8       3.70                             110

                NO OF SAMPLES               2          2          2                     2          1          1                               1
                                          934        203        265         64         72        221        225        272        215        229
SAMP DTE HOUR  STN  STN SAMP  PJ       SAMPLE      TOTAL      TOTAL                 TOTAL      TOTAL      TOTAL     SIMPLE      TOTAL      TOTAL
DY MO YR LMT   DIST BRG DEPTH              NO   ALUMINUM    ARSENIC    CALCIUM    CALCIUM   CHROMIUM     COPPER    CYANIDE    CADMIUM       LEAD
               FEET      MTRS                       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L

04 02 75 0900              .3           29540                                                              0.13                             0.23
04 05 75 0845              .3           29604       0.07                  28.0
27 07 75 1600              .3           29695                                                              0.09


                      MAXIMUM                       0.07                  28.0                             0.13                             0.23
           AVG OR GEOM MN (*)                       0.07                  28.0                             0.11                             0.23
                      MINIMUM                       0.07                  28.0                             0.09                             0.23

                NO OF SAMPLES                          1                     1                                2                                1
                                           65         74        200        235        238        249        217        218        219        361
SAMP DTE HOUR  STN  STN SAMP  PJ          MAG  TOT. MAG   MANGNESE      TOTAL      TOTAL      TOTAL      TOTAL     BARIUM   SELENIUM    SOLVENT
DY MO YR LMT   DIST BRG DEPTH          NESIUM     NESIUM         MN    MERCURY     NICKEL       ZINC     COBALT       MG/L       MG/L   EXTRBLES
               FEET      MTRS            MG/L       MG/L       MG/L       UG/L       MG/L       MG/L       MG/L                             MG/L

04 02 75 0900              .3                                                       0.16      0.110
04 05 75 0845              .3             5.0                0.02 L
27 07 75 1600              .3                                                       0.42      0.080       0.31


                      MAXIMUM             5.0                  0.02                 0.42      0.110       0.31
           AVG OR GEOM MN (*)             5.0                0.02 D                 0.29      0.095       0.31
                      MINIMUM             5.0                  0.02                 0.16      0.080       0.31

                NO OF SAMPLES               1                     1                    2          2          1
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SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

B.O.W./ SITE: SASAGINAGA LAKE
SAMPLE POINT: NEAR COBALT
STATION TYPE: LAKE

STATION ID: 18-7370-003-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: FARR CREEK

STORET CODE: 02
006
6870

STN NO   3   LAT   LONG   U.T.M. 17 0598350.0 5250300.0 4   REGION 05   MILEAGE 6.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
06 01 75 0925			.3		29503	4		10.	10. L	10. L		2.0	11.5	0.4
04 02 75 0840			.3		29539	4		1.	1.	1.		0.0	5.0	0.4
10 04 75 0820			.3		29560	4		1.	1.	1.		2.0	9.5	0.4
04 05 75 0830			.3		29603	6		10. L	10. L	10. L		7.0	8.0	0.6
25 05 75 0830			.3		29633	6		10. L	20.	10. L		21.0	7.0	1.0
22 06 75 1135			.3		29661	6		10.	10. L	10. L		22.0	8.0	1.6
27 07 75 1635			.3		29694	6		10.	10. L	10. L		24.0	7.5	0.8
24 08 75 1600			.3		29722	6		10. L	10. L	10. L		20.0	8.0	0.4
14 09 75 1245			.3		29750	6		40.	1.	1.		13.0	9.0	
26 10 75 1245			.3		29786	6		20.	1.	1.		10.0		0.8
16 11 75 1400			.3		29806	6		10.	10. L	10. L		7.0		0.4
27 12 75 1400			.3		29832	4						0.0		
MAXIMUM								40.	20.	10.		24.0	11.5	1.6
AVG OR GEOM MN (*)								8.* D	5.* D	4.* D		10.7	8.2	0.7
MINIMUM								1.	1.	1.		0.0	5.0	0.4
NO OF SAMPLES								11	11	11		12	9	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
06 01 75 0925			.3		0.010	0.003	0.02	0.24	0.002	0.030	0.35	146	5.	
04 02 75 0840			.3		0.030	0.024	0.01 L	0.25	0.001L	0.100	0.70	520	5.	
10 04 75 0820			.3		0.013	0.002	0.01	0.34	0.001	0.080	0.80	150	5.	
04 05 75 0830			.3		0.017	0.005	0.05	0.24	0.004	0.150	0.95	70	2.	
25 05 75 0830			.3		0.025	0.006	0.14	0.56	0.002	0.010L	1.00	134	4.	
22 06 75 1135			.3		0.008	0.001	0.03	0.44	0.002	0.010L	0.85	132	4.	
27 07 75 1635			.3		0.008	0.004	0.01	0.29	0.001	0.010L	1.00	136	5.	
24 08 75 1600			.3		0.007	0.001	0.01	0.28	0.001	0.010L	0.85	134	5.	
14 09 75 1245			.3											
26 10 75 1245			.3		0.013	0.001L	0.01 L	0.32	0.002	0.010	0.80	142	4.	
16 11 75 1400			.3		0.007	0.001	0.02	0.31	0.002	0.010	1.00	144	5.	
27 12 75 1400			.3											
MAXIMUM					0.030	0.024	0.14	0.56	0.004	0.150	1.00	520	5.	
AVG OR GEOM MN (*)					0.014	0.005D	0.03 D	0.33	0.002D	0.042D	0.83	171	4.	
MINIMUM					0.007	0.001	0.01	0.24	0.001	0.010	0.35	70	2.	
NO OF SAMPLES					10	10	10	10	10	10	10	10	10	

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
06 01 75 0925			.3		29503									
04 02 75 0840			.3		29539									
10 04 75 0820			.3		29560									
04 05 75 0830			.3		29603									
25 05 75 0830			.3		29633						15			
22 06 75 1135			.3		29661									
27 07 75 1635			.3		29694									
24 08 75 1600			.3		29722									
14 09 75 1245			.3		29750		50		65.	0.07				
26 10 75 1245			.3		29786					0.18				
27 12 75 1400			.3		29832		59		73.	0.03				
MAXIMUM							59		73.	0.18	15			
AVG OR GEOM MN (*)							55		69.	0.09	15			
MINIMUM							50		65.	0.03	15			
NO OF SAMPLES							2		2	3	1			

CONT'D

B.O.W./ SITE: SASAGINAGA LAKE
SAMPLE POINT: NEAR COBALT
STATION TYPE: LAKE

STATION ID: 18-7370-003-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: FARR CREEK

STORET CODE: 02
006
6870

STN NO 3 LAT LONG U.T.M. 17 0598350.0 5250300.0 4 REGION 05 MILEAGE 6.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
06 01 75 0925			.3			110.	15. L		95					
04 02 75 0840			.3			100.	15. L	85						
10 04 75 0820			.3			100.	1.	99						
04 05 75 0830			.3			47.	1.		46					
25 05 75 0830			.3			90.	2.		88					
22 06 75 1135			.3			87.	2.		85					
27 07 75 1635			.3			105.	17.		88					
24 08 75 1600			.3			92.	2.		90					
14 09 75 1245			.3		12.									
26 10 75 1245			.3											20L
27 12 75 1400			.3		13.									28
MAXIMUM					13.	110.	17.	99	95					28
AVG OR GEOM MN (*)					12.	91.	6. D	92	82					24D
MINIMUM					12.	47.	1.	85	46					20
NO OF SAMPLES					2	8	8	2	6					2

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	203 TOTAL ALUMINUM MG/L	265 TOTAL ARSENIC MG/L	64 CALCIUM MG/L	72 TOTAL CALCIUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	272 SIMPLE CYANIDE MG/L	215 TOTAL CADMIUM MG/L	229 TOTAL LEAD MG/L
04 02 75 0840			.3		29539									0.04 L
04 05 75 0830			.3		29603						0.03 L			
27 07 75 1635			.3		29694									
14 09 75 1245			.3		29750						0.03			0.01 L
26 10 75 1245			.3		29786						0.01 L			0.01 L
27 12 75 1400			.3		29832						0.02			
MAXIMUM											0.03			0.04
AVG OR GEOM MN (*)											0.02 D			0.02 D
MINIMUM											0.01			0.01
NO OF SAMPLES											4			3

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	65 MAG NESIUM MG/L	74 TOT. MAG NESIUM MG/L	200 MANGNESE MN MG/L	235 TOTAL MERCURY UG/L	238 TOTAL NICKEL MG/L	249 TOTAL ZINC MG/L	217 TOTAL COBALT MG/L	218 BARIUM MG/L	219 SELENIUM MG/L	361 SOLVENT EXTRBLES MG/L
04 02 75 0840			.3						0.04 L					
04 05 75 0830			.3						0.04 L	0.030L	0.04 L			
27 07 75 1635			.3						0.02		0.02 L			
14 09 75 1245			.3						0.02 L	0.020	0.02 L			
26 10 75 1245			.3						0.01 L	0.010				
27 12 75 1400			.3						0.02 L	0.020	0.02 L			
MAXIMUM									0.04	0.030	0.04			
AVG OR GEOM MN (*)									0.03 D	0.020D	0.03 D			
MINIMUM									0.01	0.010	0.02			
NO OF SAMPLES									6	4	4			

SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: WABI CREEK
SAMPLE POINT: HIGHWAY 11 BYPASS NEAR NEW LISKEARD
STATION TYPE: RIVER

STATION ID: 18-7450-001-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: WABI CREEK

STORET CODE: 02
006
6970

STN NO 1 LAT LONG U.T.M. 18 0598800.0 5263650.0 4 REGION 05 MILEAGE 0.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
04 02 75 1205			.3		29002	4		2420.	450.	100.		0.0	6.0	1.2
31 03 75 1115			.3		29010	4		20000E+1	1000.	360.		0.5	4.0	4.2
28 04 75 1405			.3		29016	3		200.	40.	200.		2.5	6.0	2.5
27 05 75 1330			.3		29022	6						16.0	9.0	2.2
13 07 75 1520			.3		29032	6		15400.	590.	10.		24.0	8.0	2.0
12 08 75 1410			.3		29040	6		10. L	10. L	10. L		22.5	9.0	0.4
16 09 75 1540			.3		29048	6		80.	10.	40.		13.0	8.0	1.0
05 10 75 1206			.3		29056	0 6		1520.	80.	60.		12.0	9.0	2.2
05 12 75 1450			.3		29064	4						0.5	8.0	1.4
MAXIMUM								20000E+1	1000.	360.		24.0	9.0	4.2
AVG OR GEOM MN (*)								1089.* D	98.* D	56.* D		10.1	7.4	1.9
MINIMUM								10.	10.	10.		0.0	4.0	0.4
NO OF SAMPLES								7	7	7		9	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
04 02 75 1205			.3		0.028	0.017	0.17	0.36	0.009	0.180	8.70	245	5.	
31 03 75 1115			.3		0.130	0.010	0.55	1.70	0.008	0.200	34.00	322	17.	
28 04 75 1405			.3		0.600	0.070	0.10	1.40	0.040	0.310	1000.	185	7.	
27 05 75 1330			.3		0.080	0.034	0.07	0.58	0.029	0.050	30.00	290	22.	
13 07 75 1520			.3		0.064	0.022	0.04	0.53	0.008	0.010L	20.00	165	4.	
12 08 75 1410			.3		0.120	0.062	0.17	0.64	0.010	0.010L	26.00	155	6.	
16 09 75 1540			.3		0.049	0.014	0.04	0.39	0.007	0.040	10.50	130	3.	
05 10 75 1206			.3		0.170	0.024	0.02	0.84	0.012	0.070	51.00	110	3.	
05 12 75 1450			.3		0.082	0.016	0.24	1.10	0.014	0.890	35.00	300	20.	
MAXIMUM					0.600	0.070	0.55	1.70	0.040	0.890	1000.	322	22.	
AVG OR GEOM MN (*)					0.147	0.030	0.16	0.84	0.015	0.196D	135.02	211	9.	
MINIMUM					0.028	0.010	0.02	0.36	0.007	0.010	8.70	110	3.	
NO OF SAMPLES					9	9	9	9	9	9	9	9	9	

SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

B.O.W./ SITE: LARDER LAKE
SAMPLE POINT: NEAR TAILINGS AREA, LARDER LAKE
STATION TYPE: LAKE

STATION ID: 18-7710-002-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: BLANCHE RIVER

STORET CODE: 02
006
7230

STN NO 2   LAT   LONG   U.T.M. 17 0602100.0 5328850.0 4   REGION 05   MILEAGE 50.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
26 01 75 1215			.3		29001	4		712.	304.	24.		0.0	9.0	1.0
09 03 75 1450			.3		29009	4		50.	10. L	1.		0.0	9.0	2.6
27 05 75 2010			.3		29029	6						15.0	11.0	
02 07 75 1300			.3		29030	6						22.5	11.0	1.0
12 08 75 1120			.3		29038	6		10.	1.	1.		22.0	10.0	0.4
15 09 75 1500			.3		29047	6		400.	40.	1.		14.0	9.0	0.6
05 10 75 1010			.3		29055	6		570.	208.	8.		11.5	10.0	1.4
05 12 75 1338			.3		29063	4						1.0	10.0	0.8
MAXIMUM								712.	304.	24.		22.5	11.0	2.6
AVG OR GEOM MN (*)								152.*	30.* D	3.*		10.8	9.9	1.1
MINIMUM								10.	1.	1.		0.0	9.0	0.4
NO OF SAMPLES								5	5	5		8	8	7

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
26 01 75 1215			.3		0.064	0.028	0.21	0.64	0.031	0.580	1.80	210	7.	
09 03 75 1450			.3		0.018	0.015	0.03	0.77	0.002	0.550	1.10	190	5.	
27 05 75 2010			.3									160		
02 07 75 1300			.3		0.009	0.009	0.02	0.32	0.006	0.440	1.50	170	4.	7.9
12 08 75 1120			.3		0.013	0.009	0.03	0.32	0.006	0.370	1.60	160	4.	
15 09 75 1500			.3		0.021	0.009	0.01 L	0.30	0.006	0.330	1.20	165	4.	
05 10 75 1010			.3		0.010	0.005	0.01 L	0.36	0.004	0.330	0.85	170	4.	
05 12 75 1338			.3		0.015	0.002	0.14	0.60	0.005	0.240	4.00	170		
MAXIMUM					0.064	0.028	0.21	0.77	0.031	0.580	4.00	210	7.	7.9
AVG OR GEOM MN (*)					0.021	0.011	0.06 D	0.47	0.009	0.406	1.72	174	4.	7.9
MINIMUM					0.009	0.002	0.01	0.30	0.002	0.240	0.85	160	4.	7.9
NO OF SAMPLES					7	7	7	7	7	7	7	8	6	1

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
26 01 75 1215			.3		29001					0.30				
09 03 75 1450			.3		29009					0.15				
27 05 75 2010			.3		29029									
02 07 75 1300			.3		29030	2.	41	69		0.10	15	1. L	0.1L	1.30
12 08 75 1120			.3		29038									1.70
15 09 75 1500			.3		29047					0.18			0.1L	0.50
05 10 75 1010			.3		29055									
05 12 75 1338			.3		29063	11.	53		73.					
MAXIMUM						11.	53	69	73.	0.30	15	1.	0.1	1.70
AVG OR GEOM MN (*)						6.	47	69	73.	0.18	15	1. D	0.10	1.17
MINIMUM						2.	41	69	73.	0.10	15	1.	0.1	0.50
NO OF SAMPLES						2	2	1	1	4	1	1	2	3

CONT'D

b.O.W./ SITE: LARDER LAKE
SAMPLE POINT: NEAR TAILINGS AREA, LARDER LAKE
STATION TYPE: LAKE

STATION ID: 18-7710-002-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: BLANCHE RIVER

STORET CODE: 02
006
7230

STN NO 2 LAT LONG U.T.M. 17 0602100.0 5328850.0 4 REGION 05 MILEAGE 50.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
26 01 75 1215			.3		35.	150.	15. L	135						
09 03 75 1450			.3		25.				123					
27 05 75 2010			.3		28.					0.9	4.00			20L
02 07 75 1300			.3		29.	113.	2.		111					
12 08 75 1120			.3		28.	100.	12.	88		0.9	4.00			12
15 09 75 1500			.3		28.	110.	3.		107					
05 10 75 1010			.3		26.	112.	1.		111					
05 12 75 1338			.3		19.	115.	4.		111					
MAXIMUM					35.	150.	15.	135	123	0.9	4.00			20
AVG OR GEOM MN (*)					27.	116.	6. D	112	113	0.9	4.00			16D
MINIMUM					19.	100.	1.	88	107	0.9	4.00			12
NO OF SAMPLES					8	6	6	2	5	2	2			2

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	203 TOTAL ALUMINUM MG/L	265 TOTAL ARSENIC MG/L	64 CALCIUM MG/L	72 TOTAL CALCIUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	272 SIMPLE CYANIDE MG/L	215 TOTAL CADMIUM MG/L	229 TOTAL LEAD MG/L
26 01 75 1215			.3		29001						0.05			
09 03 75 1450			.3		29009						0.04			
27 05 75 2010			.3		29029	0.15		13.0			0.04			
02 07 75 1300			.3		29030						0.04			
12 08 75 1120			.3		29038	0.03 L			18.6		0.04			
15 09 75 1500			.3		29047						0.03			
05 10 75 1010			.3		29055						0.04			
05 12 75 1338			.3		29063						0.01 L			
MAXIMUM						0.15		13.0	18.6		0.05			
AVG OR GEOM MN (*)						0.09 D		13.0	18.6		0.04 D			
MINIMUM						0.03		13.0	18.6		0.01			
NO OF SAMPLES						2		1	1		8			

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	65 MAG NESIUM MG/L	74 TOT. MAG NESIUM MG/L	200 MANGNESE MN MG/L	235 TOTAL MERCURY UG/L	238 TOTAL NICKEL MG/L	249 TOTAL ZINC MG/L	217 TOTAL COBALT MG/L	218 BARIUM MG/L	219 SELENIUM MG/L	361 SOLVENT EXTRBLES MG/L
26 01 75 1215			.3						0.05	0.030				
09 03 75 1450			.3						0.05	0.030				
27 05 75 2010			.3		10.0		0.02 L		0.04	0.030L				
02 07 75 1300			.3						0.04	0.030L				
12 08 75 1120			.3			5.20	0.02 L		0.04	0.030L				
15 09 75 1500			.3						0.04	0.010L				
05 10 75 1010			.3						0.03 L	0.030L				
05 12 75 1338			.3						0.01 L	0.010L				
MAXIMUM					10.0	5.20	0.02		0.05	0.030				
AVG OR GEOM MN (*)					10.0	5.20	0.02 D		0.04 D	0.025D				
MINIMUM					10.0	5.20	0.02		0.01	0.010				
NO OF SAMPLES					1	1	2		8	8				

SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: LARDER LAKE
SAMPLE POINT: PUBLIC BEACH, LARDER LAKE
STATION TYPE: LAKE

STATION ID: 18-7710-003-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: BLANCHE RIVER

STORET CODE: 02
006
7230

STN NO 3 LAT LONG U.T.M. 17 0595700.0 5327375.0 4 REGION 05 MILEAGE 51.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
26 01 75 1114			.3		29000	4		632.	256.	44.		0.0	8.0	1.0
09 03 75 1308			.3		29008	4		50.	10. L	1.		0.0	9.0	2.6
27 05 75 1942			.3		29028	6						15.0	10.0	
02 07 75 1346			.3		29031	6						22.5	11.0	0.8
12 08 75 1205			.3		29039	6		10. L	1.	1.		22.0	10.5	0.4
15 09 75 1410			.3		29046	6		136.	16.	1.		14.0	9.0	0.8
05 10 75 0930			.3		29054	6		336.	200.	8.		11.5	10.0	1.0
05 12 75 1225			.3		29062	4						1.0	10.0	0.8
MAXIMUM								632.	256.	44.		22.5	11.0	2.6
AVG OR GEOM MN (*)								108.* D	24.* D	3.*		10.8	9.7	1.1
MINIMUM								10.	1.	1.		0.0	8.0	0.4
NO OF SAMPLES								5	5	5		8	8	7

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
26 01 75 1114			.3		0.075	0.032	0.23	0.74	0.030	0.590	2.50	225	7.	
09 03 75 1308			.3		0.027	0.020	0.03	0.73	0.003	0.560	1.80	195	5.	
27 05 75 1942			.3									160		
02 07 75 1346			.3		0.009	0.009	0.02	0.32	0.005	0.400	1.00	160		8.1
12 08 75 1205			.3		0.010	0.007	0.03	0.30	0.006	0.370	1.00	155	4.	
15 09 75 1410			.3		0.016	0.009	0.01 L	0.35	0.007	0.330	1.30	180	4.	
05 10 75 0930			.3		0.010	0.005	0.01 L	0.35	0.004	0.330	0.65	170	4.	
05 12 75 1225			.3		0.017	0.002	0.06	0.59	0.005	0.240	3.80	190	2.	
MAXIMUM					0.075	0.032	0.23	0.74	0.030	0.590	3.80	225	7.	8.1
AVG OR GEOM MN (*)					0.023	0.012	0.06 D	0.48	0.009	0.403	1.72	179	4.	8.1
MINIMUM					0.009	0.002	0.01	0.30	0.003	0.240	0.65	155	2.	8.1
NO OF SAMPLES					7	7	7	7	7	7	7	8	6	1

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
26 01 75 1114			.3		29000					0.25				
09 03 75 1308			.3		29008					0.10				
27 05 75 1942			.3		29028							1. L	0.1L	1.50
02 07 75 1346			.3		29031	1.	41	57		0.10	10			
12 08 75 1205			.3		29039								0.1L	0.95
15 09 75 1410			.3		29046					0.15				
05 10 75 0930			.3		29054									
05 12 75 1225			.3		29062									
MAXIMUM						1.	41	57		0.25	10	1.	0.1	1.50
AVG OR GEOM MN (*)						1.	41	57		0.15	10	1. D	0.1D	1.23
MINIMUM						1.	41	57		0.10	10	1.	0.1	0.95
NO OF SAMPLES						1	1	1		4	1	1	2	2

CONT'D

S.O.W./ SITE: LARDER LAKE
SAMPLE POINT: PUBLIC BEACH, LARDER LAKE
STATION TYPE: LAKE

STATION ID: 18-7710-003-01

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: BLANCHE RIVER

STORET CODE: 02
006
7230

STN NO 3 LAT LONG U.T.M. 17 0595700.0 5327375.0 4 REGION 05 MILEAGE 51.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
26 01 75 1114			.3		35.	140.	15. L	125						
09 03 75 1308			.3		26.				126					
27 05 75 1942			.3		27.					1.0	4.00			20L
02 07 75 1346			.3			105.	1.		104					
12 08 75 1205			.3		29.	96.	9.	87		0.9	4.00			12
15 09 75 1410			.3		28.	120.	3.		117					
05 10 75 0930			.3		26.	113.	2.		111					
05 12 75 1225			.3		19.	128.	4.		124					
MAXIMUM					35.	140.	15.	125	126	1.0	4.00			20
AVG OR GEOM MN (*)					27.	117.	5. D	106	116	1.0	4.00			16D
MINIMUM					19.	96.	1.	87	104	0.9	4.00			12
NO OF SAMPLES					7	6	6	2	5	2	2			2

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	203 TOTAL ALUMINUM MG/L	265 TOTAL ARSENIC MG/L	64 CALCIUM MG/L	72 TOTAL CALCIUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	272 SIMPLE CYANIDE MG/L	215 TOTAL CADMIUM MG/L	229 TOTAL LEAD MG/L
26 01 75 1114			.3		29000						0.04			
09 03 75 1308			.3		29008						0.06			
27 05 75 1942			.3		29028	0.08		20.0			0.09			
02 07 75 1346			.3		29031						0.03			
12 08 75 1205			.3		29039	0.03 L			18.6		0.04			
15 09 75 1410			.3		29046						0.03			
05 10 75 0930			.3		29054						0.04			
05 12 75 1225			.3		29062						0.01 L			
MAXIMUM						0.08		20.0	18.6		0.09			
AVG OR GEOM MN (*)						0.06 D		20.0	18.6		0.04 D			
MINIMUM						0.03		20.0	18.6		0.01			
NO OF SAMPLES						2		1	1		8			

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	65 MAG NESIUM MG/L	74 TOT. MAG NESIUM MG/L	200 MANGNESE MN MG/L	235 TOTAL MERCURY UG/L	238 TOTAL NICKEL MG/L	249 TOTAL ZINC MG/L	217 TOTAL COBALT MG/L	218 BARIUM MG/L	219 SELENIUM MG/L	361 SOLVENT EXTRBLES MG/L
26 01 75 1114			.3						0.04	0.030				
09 03 75 1308			.3						0.05	0.020				
27 05 75 1942			.3		5.0		0.02 L		0.07	0.030				
02 07 75 1346			.3						0.04 L	0.030L				
12 08 75 1205			.3			5.20	0.02 L		0.05	0.030L				
15 09 75 1410			.3						0.04	0.010L				
05 10 75 0930			.3						0.03 L	0.030L				
05 12 75 1225			.3						0.01 L	0.010L				
MAXIMUM					5.0	5.20	0.02		0.07	0.030				
AVG OR GEOM MN (*)					5.0	5.20	0.02 D		0.04 D	0.024D				
MINIMUM					5.0	5.20	0.02		0.01	0.010				
NO OF SAMPLES					1	1	2		8	8				

SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: BLANCHE RIVER
SAMPLE POINT: HIGHWAY 112, 8 MILES SOUTH OF SWASTIKA
STATION TYPE: RIVER

STATION ID: 18-7710-004-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: BLANCHE RIVER

STORET CODE: 02 006 7230

STN NO 4 LAT LONG U.T.M. 17 0573250.0 5315950.0 4 REGION 05 MILEAGE 53.30

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
04 02 75 1430			.3		29004	4		120.	10. L	60.		0.0	8.0	1.2
31 03 75 1510			.3		29012	4		10.	10. L	10. L		0.0	6.0	0.6
28 04 75 1500			.3		29018	3		44.	1.	4.		2.0	8.0	1.8
27 05 75 1600			.3		29024	6						17.0	10.0	1.0
13 07 75 1718			.3		29034	6		140.	1.	1.		23.5	9.0	0.8
12 08 75 1540			.3		29042	6		34.	40.	1.		22.5	9.0	0.6
16 09 75 1730			.3		29050	6		200.	24.	12.		13.5	8.0	1.2
05 10 75 1500			.3		29058	6		80.	12.	8.		11.5	9.0	1.2
05 12 75 1648			.3		29066	4						1.0	9.0	1.2
MAXIMUM								200.	40.	60.		23.5	10.0	1.8
AVG OR GEOM MN (*)								63.*	7.* D	6.* D		10.1	8.4	1.1
MINIMUM								10.	1.	1.		0.0	6.0	0.6
NO OF SAMPLES								7	7	7		9	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
04 02 75 1430			.3		0.150	0.090	0.45	0.80	0.033	0.370	2.80	175	8.	7.3
31 03 75 1510			.3		0.062	0.038	0.01	0.38	0.004	0.340	2.30	162	7.	7.2
28 04 75 1500			.3		0.060	0.008	0.04	0.48	0.012	0.270	2.20	76	3.	7.3
27 05 75 1600			.3		0.065	0.024	0.12	0.67	0.017	0.010L	4.30	390	5.	7.5
13 07 75 1718			.3		0.042	0.010	0.07	0.61	0.007	0.010L	3.70	120	5.	7.8
12 08 75 1540			.3		0.035	0.013	0.05	0.51	0.044	0.060	3.00	133	5.	7.6
16 09 75 1730			.3		0.022	0.003	0.01	0.40	0.004	0.030	4.10	170	4.	7.9
05 10 75 1500			.3		0.025	0.006	0.02	0.60	0.008	0.010	3.50	130	3.	7.6
05 12 75 1648			.3		0.042	0.007	0.28	1.10	0.004	0.300	1.70	135	6.	7.3
MAXIMUM					0.150	0.090	0.45	1.10	0.044	0.370	4.30	390	8.	7.9
AVG OR GEOM MN (*)					0.056	0.022	0.12	0.62	0.015	0.156D	3.07	166	5.	7.5
MINIMUM					0.022	0.003	0.01	0.38	0.004	0.010	1.70	76	3.	7.2
NO OF SAMPLES					9	9	9	9	9	9	9	9	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
04 02 75 1430			.3		29004	4.	53	65		0.30	30			
31 03 75 1510			.3		29012	9.	54	67		0.30	35			
28 04 75 1500			.3		29018	2.	22	37		0.15	65			
27 05 75 1600			.3		29024	4.	39	72		0.60	50			
13 07 75 1718			.3		29034	2.	40	53		0.20	30			
12 08 75 1540			.3		29042	2.	44		58.	0.40	25			
16 09 75 1730			.3		29050	2.	67		80.	0.41	20			
05 10 75 1500			.3		29058	2.	41		58.	0.51	70			
05 12 75 1648			.3		29066	6.	41		56.	0.34	40			
MAXIMUM						9.	67	72	80.	0.60	70			
AVG OR GEOM MN (*)						3.	45	59	63.	0.36	41			
MINIMUM						2.	22	37	56.	0.15	20			
NO OF SAMPLES						9	9	5	4	9	9			

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
04 02 75 1430			.3			110.	15. L	95						
31 03 75 1510			.3			114.	8.		106					
28 04 75 1500			.3			102.	53.		49					
27 05 75 1600			.3			271.	17.		254					
13 07 75 1718			.3			83.	5.		78					
12 08 75 1540			.3			114.	28.	86						
16 09 75 1730			.3			116.	5.		111					
05 10 75 1500			.3			94.	9.		85					
05 12 75 1648			.3			93.	5.		88					
MAXIMUM						271.	53.	95	254					
AVG OR GEOM MN (*)						121.	16. D	91	110					
MINIMUM						83.	5.	86	49					
NO OF SAMPLES						9	9	2	7					

SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

STATION ID: 18-7710-005-02

O.C.W./ SITE: BLANCHE RIVER
SAMPLE POINT: AT HIGHWAY 66 SWASTIKA
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: BLANCHE RIVER

STORET CODE: 02
006
7230

STN NO   *   LAT   LONG   U.T.M. 17 0566700.0 5328450.0 4   REGION 05   MILEAGE 64.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
04 02 75 1604			.3		29006	4	35.6	10. L	10. L	10.		0.0	8.0	5.0
31 03 75 1640			.3		29014	4	31.4	24.	4.	4.		0.0	9.0	0.8
28 04 75 1610			.3		29020	3	349.	4.	1.	1.		2.0	8.0	0.9
27 05 75 1735			.3		29026	6	183.					14.0	11.0	0.4
13 07 75 1838			.3		29036	6	49.8	24.	1.	8.		23.0	10.0	0.8
12 08 75 1625			.3		29044	6	10.5	1500. G	1.	1.		22.0	10.0	0.8
16 09 75 1845			.3		29052	6	7.7	40.	20.	20.		13.0	9.0	1.2
05 10 75 1620			.3		29060	6	13.1	12200E+1	4200.	240.		11.0	10.0	1.0
05 12 75 1835			.3		29068	4	69.2					1.0	12.0	1.2
MAXIMUM							349.	12200E+1	4200.	240.		23.0	12.0	5.0
AVG OR GEOM MN (*)							83.3	108.* E	9.* D	8.*		9.8	9.7	1.3
MINIMUM							7.7	4.	1.	1.		0.0	8.0	0.4
NO OF SAMPLES							9	7	7	7		9	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
04 02 75 1604			.3		0.032	0.005	0.31	1.40	0.006	0.070	3.30	118	5.	7.0
31 03 75 1640			.3		0.020	0.001	0.04	0.64	0.004	0.100	2.00	124	4.	7.0
28 04 75 1610			.3		0.016	0.003	0.01	0.34	0.005	0.160	2.10	80	4.	7.1
27 05 75 1735			.3		0.023	0.006	0.04	0.41	0.004	0.010L	4.20	110	5.	7.2
13 07 75 1838			.3		0.024	0.002	0.01 L	0.45	0.006	0.010L	4.50	90	3.	7.6
12 08 75 1625			.3		0.022	0.009	0.04	0.44	0.004	0.010	3.90	100	3.	7.6
16 09 75 1845			.3		0.022	0.008	0.02	0.45	0.004	0.010L	2.70	100	3.	7.7
05 10 75 1620			.3		0.054	0.018	0.06	0.62	0.006	0.010L	3.00	125	4.	7.7
05 12 75 1835			.3		0.024	0.004	0.02	0.45	0.004	0.050	2.40	112	3.	7.2
MAXIMUM					0.054	0.018	0.31	1.40	0.006	0.160	4.50	125	5.	7.7
AVG OR GEOM MN (*)					0.026	0.006	0.06 D	0.58	0.005	0.048D	3.12	107	3.	7.3
MINIMUM					0.016	0.001	0.01	0.34	0.004	0.010	2.00	80	3.	7.0
NO OF SAMPLES					9	9	9	9	9	9	9	9	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
04 02 75 1604			.3		29006	9.	40	44		0.25	30			
31 03 75 1640			.3		29014	10.	38	47		0.40	45			
28 04 75 1610			.3		29020	7.	22	36		0.20	40			
27 05 75 1735			.3		29026	4.	28	38		0.25	40			
13 07 75 1838			.3		29036	3.	33	38		0.20	35			
12 08 75 1625			.3		29044	3.	32		41.	0.25	30			
16 09 75 1845			.3		29052	2.	35		43.	0.29	30			
05 10 75 1620			.3		29060	2.	40		49.	0.36	15			
05 12 75 1835			.3		29068	5.	35		46.	0.18	20			
MAXIMUM						10.	40	47	49.	0.40	45			
AVG OR GEOM MN (*)						5.	34	41	44.	0.26	32			
MINIMUM						2.	22	36	41.	0.18	15			
NO OF SAMPLES						9	9	5	4	9	9			

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
04 02 75 1604			.3			100.	15. L	85						
31 03 75 1640			.3			84.	3.		81					
28 04 75 1610			.3			54.	2.		52					
27 05 75 1735			.3			76.	4.		72					
13 07 75 1838			.3			64.	5.		59					
12 08 75 1625			.3			65.	12.	53						
16 09 75 1845			.3			79.	7.		72					
05 10 75 1620			.3			86.	5.		81					
05 12 75 1835			.3			74.	2.		72					
MAXIMUM						100.	15.	85	81					
AVG OR GEOM MN (*)						75.	6. D	69	70					
MINIMUM						54.	2.	53	52					
NO OF SAMPLES						9	9	2	7					

SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

B.O.W./ SITE: MURDOCK CREEK
SAMPLE POINT: HIGHWAY 112, 2.5 MILES EAST OF SWASTIKA
STATION TYPE: RIVER

STATION ID: 18-7710-006-02

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: BLANCHE RIVER

STORET CODE: 02
006
7230

STN NO 6   LAT   LONG   U.T.M. 17 0570250.0 5327999.0 4   REGION 05   MILEAGE 63.60

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
04 02 75 1512			.3		29005	4		98000.	4500.	2900.		0.0	6.0	13.0
31 03 75 1605			.3		29013	4		7000.	2200.	1600.		0.0	4.0	0.6
28 04 75 1540			.3		29019	3		6900.	2800.	1500.		2.5	8.0	1.8
27 05 75 1650			.3		29025	6						17.0	9.0	4.0
13 07 75 1808			.3		29035	8 0		4.	100. L	100. L		24.0	8.0	8.0
12 08 75 1600			.3		29043	8 0		1300.	100. L	100. L		23.5	9.0	5.0
16 09 75 1805			.3		29051	8 0		6300.	80.	10.		14.0	8.0	7.6
05 10 75 1550			.3		29059	6		1200.	50.	10. L		11.5	8.0	11.0
05 12 75 1715			.3		29067	4						1.5	6.0	7.0
MAXIMUM								98000.	4500.	2900.		24.0	9.0	13.0
AVG OR GEOM MN (*)								2110.*	378.* D	183.* D		10.4	7.3	6.4
MINIMUM								4.	50.	10.		0.0	4.0	0.6
NO OF SAMPLES								7	7	7		9	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
04 02 75 1512			.3		1.400	1.000	6.40	8.20	0.024	0.100	3.80	292	27.	7.0
31 03 75 1605			.3		1.300	0.660	3.00	5.80	0.046	0.400	5.50	290	36.	7.2
28 04 75 1540			.3		0.052	0.052	0.20	0.90	0.011	0.210	9.00	395	9.	7.2
27 05 75 1650			.3		0.330	0.110	0.34	1.40	0.230	0.670	1.40	320	46.	7.3
13 07 75 1808			.3		0.870	0.770	0.01 L	1.80	0.520	2.600	6.40	290	32.	7.2
12 08 75 1600			.3		0.660	0.100	0.04	1.10	0.820	2.700	3.20	300	37.	7.2
16 09 75 1805			.3		1.600	1.300	4.50	8.20	0.890	2.300	3.90	350	32.	7.3
05 10 75 1550			.3		1.100	1.000	6.00	6.30	0.200	0.600	6.00	410	39.	7.4
05 12 75 1715			.3		0.590	0.380	2.40	3.50	0.034	0.670	4.00	300	21.	7.2
MAXIMUM					1.600	1.300	6.40	8.20	0.890	2.700	9.00	410	46.	7.4
AVG OR GEOM MN (*)					0.878	0.597	2.54 D	4.13	0.308	1.139	4.80	327	31.	7.2
MINIMUM					0.052	0.052	0.01	0.90	0.011	0.100	1.40	290	9.	7.0
NO OF SAMPLES					9	9	9	9	9	9	9	9	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
04 02 75 1512			.3		29005	14.	76	61		0.80	15			
31 03 75 1605			.3		29013	9.	70	67		1.10	35			
28 04 75 1540			.3		29019	7.	28	50		0.44	50			
27 05 75 1650			.3		29025	10.	60	96		1.50	70			
13 07 75 1808			.3		29035	10.	56	86		0.50	30			
12 08 75 1600			.3		29043	10.	49		89.	0.35	20			
16 09 75 1305			.3		29051	10.	93		101.	0.55	20			
05 10 75 1550			.3		29059	12.	108		109.	0.86	20			
05 12 75 1715			.3		29067	11.	70		98.	0.58	20			
MAXIMUM						14.	108	96	109.	1.50	70			
AVG OR GEOM MN (*)						10.	68	72	99.	0.74	31			
MINIMUM						7.	28	50	89.	0.35	15			
NO OF SAMPLES						9	9	5	4	9	9			

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
04 02 75 1512			.3			170.	15. L	155						
31 03 75 1605			.3			235.	26.		209					
28 04 75 1540			.3			274.	17.		257					
27 05 75 1650			.3			233.	25.		208					
13 07 75 1808			.3			199.	10.		189					
12 08 75 1600			.3			195.	14.	181						
16 09 75 1805			.3			264.	13.	251						
05 10 75 1550			.3			250.	15.	235						
05 12 75 1715			.3			204.	9.		195					
MAXIMUM						274.	26.	251	257					
AVG OR GEOM MN (*)						224.	16. D	206	212					
MINIMUM						170.	9.	155	189					
NO OF SAMPLES						9	9	4	5					

SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

STATION ID: 18-7710-007-02

B.O.W./ SITE: LARDER RIVER
SAMPLE POINT: AT WENDIGO LAKE OUTLET
STATION TYPE: RIVER

MAJOR BASIN: GREAT LAKES
MINOR BASIN: OTTAWA RIVER
TERM STREAM: BLANCHE RIVER

STORET CODE: 02
006
7230

STN NO 7   LAT   LONG   U.T.M. 17 0592550.0 5303975.0 4   REGION 05   MILEAGE 33.60

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
04 02 75 1318			.3		29003	4		140.	10.	100.		0.0	9.0	0.8
31 03 75 1254			.3		29011	4		10.	10. L	10. L		0.0	8.0	0.4
28 04 75 1430			.3		29017	3		8.	1.	1.		1.5	8.0	0.8
27 05 75 1454			.3		29023	6						16.0	10.0	0.4
13 07 75 1615			.3		29033	6		104.	32.	4.		23.5	10.0	0.8
12 08 75 1454			.3		29041	6		16.	1.	1.		22.0	10.0	0.6
16 09 75 1655			.3		29049	6		30.	1.	1.		13.0	9.0	1.2
05 10 75 1310			.3		29057	6		1720.	692.	12.		11.5	11.0	1.0
05 12 75 1530			.3		29065	4						1.0	11.0	1.0
MAXIMUM								1720.	692.	100.		23.5	11.0	1.2
AVG OR GEOM MN (*)								52.*	8.* D	5.* D		9.8	9.6	0.8
MINIMUM								8.	1.	1.		0.0	8.0	0.4
NO OF SAMPLES								7	7	7		9	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
04 02 75 1318			.3		0.082	0.041	0.29	0.90	0.036	0.440	3.00	175	8.	7.3
31 03 75 1254			.3		0.057	0.038	0.01	0.38	0.004	0.340	2.30	165	6.	7.2
28 04 75 1430			.3		0.034	0.011	0.01	0.35	0.005	0.160	3.50	80	4.	7.0
27 05 75 1454			.3		0.024	0.007	0.07	0.48	0.004	0.010L	2.00	86	5.	6.8
13 07 75 1615			.3		0.035	0.001	0.06	0.72	0.003	0.010L	3.50	86	3.	7.4
12 08 75 1454			.3		0.024	0.003	0.05	0.47	0.002	0.010L	3.60	91	3.	7.9
16 09 75 1655			.3		0.020	0.002	0.01 L	0.41	0.003	0.010	3.60	115	3.	7.9
05 10 75 1310			.3		0.014	0.006	0.01 L	0.45	0.007	0.190	1.10	150	3.	7.7
05 12 75 1530			.3		0.043	0.016	0.15	0.82	0.004	0.300	4.50	140	5.	7.3
MAXIMUM					0.082	0.041	0.29	0.90	0.036	0.440	4.50	175	8.	7.9
AVG OR GEOM MN (*)					0.037	0.014	0.07 D	0.55	0.008	0.163D	3.01	121	4.	7.4
MINIMUM					0.014	0.001	0.01	0.35	0.002	0.010	1.10	80	3.	6.8
NO OF SAMPLES					9	9	9	9	9	9	9	9	9	9

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
04 02 75 1318			.3		29003	4.	52	66		0.25	20			
31 03 75 1254			.3		29011	8.	54	67		0.20	30			
28 04 75 1430			.3		29017	4.	22	34		0.20	40			
27 05 75 1454			.3		29023	6.	28	29		0.20	40			
13 07 75 1615			.3		29033	3.	30	39		0.25	40			
12 08 75 1454			.3		29041	1.	31		41.	0.25	25			
16 09 75 1655			.3		29049	2.	41		50.	0.32	30			
05 10 75 1310			.3		29057	3.	41		62.	0.26	30			
05 12 75 1530			.3		29065	7.	43		55.	0.29	40			
MAXIMUM						8.	54	67	62.	0.32	40			
AVG OR GEOM MN (*)						4.	38	47	52.	0.25	33			
MINIMUM						1.	22	29	41.	0.20	20			
NO OF SAMPLES						9	9	5	4	9	9			

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
04 02 75 1318			.3			140.	15. L	125						
31 03 75 1254			.3			112.	5.		107					
28 04 75 1430			.3			54.	2.		52					
27 05 75 1454			.3			60.	5.		55					
13 07 75 1615			.3			59.	4.		55					
12 08 75 1454			.3			66.	11.	55						
16 09 75 1655			.3			81.	6.		75					
05 10 75 1310			.3			100.	2.		98					
05 12 75 1530			.3			97.	6.		91					
MAXIMUM						140.	15.	125	107					
AVG OR GEOM MN (*)						85.	6. D	90	76					
MINIMUM						54.	2.	55	52					
NO OF SAMPLES						9	9	2	7					

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SAMPLE INFORMATION SYSTEM         STATION SUMMARY REPORT - RIVER BASINS
                                                                                 DATE OF REPORT  28 OCT 77
B.O.W./ SITE: BLANCHE RIVER
SAMPLE POINT: SWASTIKA MUNICIPAL WATERWORKS INTAKE                                  STATION ID:   18-7710-008-20
STATION TYPE: INTAKE MUNICIPAL WATER
                                                   MAJOR BASIN: GREAT LAKES
                                                   MINOR BASIN: OTTAWA RIVER                        STORET CODE: 02
                                                   TERM STREAM: BLANCHE RIVER                                    006
                                                                                                                 7230
STN NO      8        LAT              LONG         U.T.M. 17 0566700.0 5328500.0 4     REGION 05
                                                                                                     MILEAGE    64.10

SAMP DTE HOUR  STN  STN SAMP  PJ     934      901      444        80        81        84        88       805        3         1
DY MO YR LMT   DIST BRG DEPTH      SAMPLE      SCD  FLOW CFS    TOTAL     FECAL      M.F.    PSEUD.     WATER     DISS.    5-DAY
               FEET      MTRS          NO                    COLIFORM  COLIFORM    ENTER.      MPA     TEMP.       02      BOD
                                                            MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C     MG/L     MG/L
04 02 75 1635             .3       29007   4                 10.  L    10.  L    10.  L               0.0       8.0      3.2
31 03 75 1715             .3       29015   4                 16.       12.        4.                  0.0       8.0      1.0
28 04 75 1630             .3       29021   3                  4.        4.        1.                  2.0       8.0      1.0
27 05 75 1750             .3       29027   6                                                         16.0      10.0      0.8
13 07 75 1855             .3       29037   6                 12.        4.        4.                 23.0      10.0      0.6
12 08 75 1645             .3       29045   6                130.        1.        1.                 22.0      10.0      0.8
16 09 75 1900             .3       29053   6                 50.        1.        1.                 13.0      10.0      1.4
05 10 75 1655             .3       29061   6                 20.        1.        1.                 11.5      10.0      1.4
05 12 75 1905             .3       29069   4                                                          1.0      10.0      1.0

                     MAXIMUM                                130.       12.       10.                 23.0      10.0      3.2
          AVG OR GEOM MN (*)                                 19.* D     3.* D     2.* D               9.8       9.3      1.2
                     MINIMUM                                  4.        1.        1.                  0.0       8.0      0.6

               NO OF SAMPLES                                  7         7         7                    9         9        9

SAMP DTE HOUR  STN  STN SAMP  PJ      33        34        19        20        21        22        16        14        56       55
DY MO YR LMT   DIST BRG DEPTH      TOTAL  FILTERED  FILTERED     TOTAL   NITRITE   NITRATE     TURB.     COND.  CHLORIDE       PH
               FEET      MTRS          P  REACTIVE   AMMONIA  KJELDAHL    NO2-N     NO3-N  FORMAZIN      25C      MG/L   AT LAB
                                    MG/L    P MG/L      MG/L      MG/L     MG/L      MG/L     UNITS     UMHOS
04 02 75 1635             .3       0.028     0.006      0.18      0.94    0.005     0.080      3.60       113        5.      7.0
31 03 75 1715             .3       0.018     0.002      0.01      0.52    0.003     0.100      1.00       108        4.      6.9
28 04 75 1630             .3       0.017     0.002      0.01      0.38    0.005     0.160      1.50        80        4.      7.6
27 05 75 1750             .3       0.020     0.007      0.05      0.41    0.004     0.010L     4.40        85        5.      7.2
13 07 75 1855             .3       0.021     0.001      0.01      0.42    0.005     0.010L     3.30        84        3.      7.5
12 08 75 1645             .3       0.028     0.008      0.05      0.48    0.002     0.010L     3.70        94        3.      7.7
16 09 75 1900             .3       0.020     0.008      0.04      0.40    0.005     0.010L     2.90        95        3.      7.7
05 10 75 1655             .3       0.026     0.005      0.04      0.52    0.005     0.010L     3.00       160        4.      7.6
05 12 75 1905             .3       0.022     0.005      0.03      0.44    0.004     0.050      2.40       135        3.      7.4

                     MAXIMUM       0.028     0.008      0.18      0.94    0.005     0.160      4.40       160        5.      7.7
          AVG OR GEOM MN (*)       0.022     0.005      0.05      0.50    0.004     0.049D     2.87       106        3.      7.4
                     MINIMUM       0.017     0.001      0.01      0.38    0.002     0.010      1.00        80        3.      6.9

               NO OF SAMPLES          9         9         9         9        9         9         9         9         9        9

SAMP DTE HOUR  STN  STN SAMP  PJ     934        95        52        50        76        61        68        25        60      280
DY MO YR LMT   DIST BRG DEPTH      SAMPLE  ACIDITY   TOT ALK  HARDNESS    CALCUL     TOTAL    COLOUR   PHENOLS            REACTIVE
               FEET      MTRS          NO     MG/L    AT LAB     CACO3  HARDNESS      IRON     HAZEN           FLUORIDE  SILICATE
                                                        MG/L      MG/L      MG/L      MG/L     UNITS      UG/L      MG/L   SI MG/L
04 02 75 1635             .3       29007       5.        40        44               0.40        15
31 03 75 1715             .3       29015       9.        40        46               0.35        40
28 04 75 1630             .3       29021       3.        22        34               0.05        40
27 05 75 1750             .3       29027       5.        28        40               0.25        40
13 07 75 1855             .3       29037       3.        29        39               0.25        30
12 08 75 1645             .3       29045       2.        33                  42.    0.25        30
16 09 75 1900             .3       29053       2.        35                  43.    0.28        20
05 10 75 1655             .3       29061       2.        39                  46.    0.22        15
05 12 75 1905             .3       29069       5.        35                  47.    0.16        20

                     MAXIMUM                   9.        40        46        47.    0.40        40
          AVG OR GEOM MN (*)                   4.        33        41        44.    0.25        29
                     MINIMUM                   2.        22        34        42.    0.05        15

               NO OF SAMPLES                    9         9         5         4       9          9
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SAMPLE INFORMATION SYSTEM        STATION SUMMARY REPORT - RIVER BASINS                        DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: WINNIPEG RIVER                                                                  STATION ID:  19-0001-001-02
 SAMPLE POINT: UPSTREAM OF O-M PULP & PAPER CO AT FIRST CPR BRIDGE WEST OF MAIN ST KENORA
 STATION TYPE: RIVER                                     MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER          STORET CODE: 05
                                                         MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER                 001

STN NO     1       LAT                 LONG                  U.T.M. 15 0392025.0 5513975.0 4     REGION 06            MILEAGE    59.00


                                        934       901       444        80        81        84        88       805         3         1
SAMP DTE HOUR  STN  STN SAMP  PJ     SAMPLE       SCD  FLOW CFS     TOTAL     FECAL      M.F.    PSEUD.     WATER     DISS.     5-DAY
DY MO YR LMT   DIST BRG DEPTH            NO                      COLIFORM  COLIFORM    ENTER.       MPA     TEMP.        O2       BOD
               FEET      MTRS                                    MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L

07 01 75 1330              .3         35200         6                                                         0.0      14.1       1.0
11 02 75 1545              .3         35202       6 4                 48.       12.        1.                 0.0      14.0       2.8
11 03 75 1340              .3         35204         6                184.      128.        1.                 0.0      14.3       0.6
16 06 75 1500              .3         35206         6               8600.      348.        1.                          11.0       1.0
28 07 75 1130              .3         35208         6                300.       76.        1.                           9.0       1.0
15 08 75 1420              .3         35210         5                140.        1.        1.                          11.0       0.2
27 10 75                   .3         35212                         1200.        4.       64.                                     1.0


                      MAXIMUM                                   8600.      348.       64.                0.00      14.3       2.8
           AVG OR GEOM MN (*)                                   396.*      23.*       2.*                 0.0      12.2       1.1
                      MINIMUM                                     48.        1.        1.                 0.0       9.0       0.2

                 NO OF SAMPLES                                      6         6         6                   3         6         7

                                         33        34        19        20        21        22        16        14        56        55
SAMP DTE HOUR  STN  STN SAMP  PJ      TOTAL  FILTERED  FILTERED     TOTAL   NITRITE   NITRATE     TURB.     COND.  CHLORIDE        PH
DY MO YR LMT   DIST BRG DEPTH             P  REACTIVE   AMMONIA  KJELDAHL     NO2-N     NO3-N  FORMAZIN       25C      MG/L    AT LAB
               FEET      MTRS          MG/L    P MG/L      MG/L      MG/L      MG/L      MG/L     UNITS     UMHOS

07 01 75 1330              .3         0.024     0.005      0.01 L    0.40     0.002     0.030      1.50       103        2.
11 02 75 1545              .3         0.016     0.011      0.02      0.68     0.004     0.030      1.70       112        2.
11 03 75 1340              .3                              0.03      0.32     0.003     0.040      1.50       108        2.
16 06 75 1500              .3         0.024     0.006      0.06      0.56     0.003     0.010L     1.00       104        1.
28 07 75 1130              .3         0.027     0.008      0.02      0.70     0.003     0.010L     1.20       105        2.
15 08 75 1420              .3         0.020     0.009      0.07      0.48     0.005     0.010L     1.30       102        2.
27 10 75                   .3         0.022     0.013      0.04      0.49     0.006     0.020      1.70       100        1.


                      MAXIMUM         0.027     0.013      0.07      0.70     0.006     0.040      1.70       112        2.
           AVG OR GEOM MN (*)         0.022     0.009      0.04 D    0.52     0.004     0.021D     1.41       105        1.
                      MINIMUM         0.016     0.005      0.01      0.32     0.002     0.010      1.00       100        1.

                 NO OF SAMPLES            6         6         7         7         7         7         7         7         7

                                        934        95        52        50        76        61        68        25        60       280
SAMP DTE HOUR  STN  STN SAMP  PJ     SAMPLE   ACIDITY   TOT ALK  HARDNESS    CALCUL     TOTAL    COLOUR   PHENOLS            REACTIVE
DY MO YR LMT   DIST BRG DEPTH            NO      MG/L    AT LAB     CACO3  HARDNESS      IRON     HAZEN            FLUORIDE  SILICATE
               FEET      MTRS                              MG/L      MG/L      MG/L      MG/L     UNITS      UG/L      MG/L   SI MG/L

07 01 75 1330              .3         35200
11 02 75 1545              .3         35202                                                                    1.
11 03 75 1340              .3         35204                                                                    9.
16 06 75 1500              .3         35206
28 07 75 1130              .3         35208
15 08 75 1420              .3         35210                                                                   10.
27 10 75                   .3         35212


                      MAXIMUM                                                                                 10.
           AVG OR GEOM MN (*)                                                                                  6.
                      MINIMUM                                                                                  1.

                 NO OF SAMPLES                                                                                  3

                                         59         5         6         7       107        67        66        45        47        41
SAMP DTE HOUR  STN  STN SAMP  PJ   SULPHATE     TOTAL     SUSP.     DISS.     DISS.   PTSSIUM    SODIUM     TOT C   ORGANIC       COD
DY MO YR LMT   DIST BRG DEPTH                  SOLIDS    SOLIDS    SOLIDS    SOLIDS         K        NA      AS C    C AS C
               FEET      MTRS          MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

07 01 75 1330              .3                                1.
11 02 75 1545              .3                                1.
11 03 75 1340              .3                                1.
16 06 75 1500              .3                                5.
28 07 75 1130              .3                                3.
15 08 75 1420              .3                                3.
27 10 75                   .3                    100.        5.        95


                      MAXIMUM                    100.        5.        95
           AVG OR GEOM MN (*)                    100.        2.        95
                      MINIMUM                    100.        1.        95

                 NO OF SAMPLES                      1         7         1
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SAMPLE INFORMATION SYSTEM        STATION SUMMARY REPORT - RIVER BASINS                        DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: WINNIPEG RIVER
 SAMPLE POINT: DOWNSTREAM OF O-M PULP & PAPER COMPANY NORTHWEST OF OLD FORT ISLAND         STATION ID:  19-0001-002-02
 STATION TYPE: RIVER
                                                  MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
                                                  MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER        STORET CODE: 05
                                                                                                                 001
STN NO      2      LAT                LONG           U.T.M. 15 0391150.0 5515625.0 4      REGION 06       MILEAGE   57.30


                                         934      901      444      80       81        84        88       805       3         1
SAMP DTE HOUR  STN  STN SAMP  PJ       SAMPLE       SCD  FLOW CFS   TOTAL    FECAL     M.F.    PSEUD.    WATER     DISS.    5-DAY
DY MO YR LMT   DIST BRG DEPTH             NO                     COLIFORM COLIFORM    ENTER.      MPA    TEMP.        O2      BOD
               FEET      MTRS                                    MF/100ML MF/100ML  MF/100ML MF/100ML    DEG C      MG/L     MG/L

07 01 75 1345              .3          35201    6 4                                                     0.0      13.2      2.0
11 02 75 1600              .3          35203    6 4               1200.     56.      36.                0.0      13.5      3.6
11 03 75 1400              .3          35205    6 4               2000.    224.      48.                0.0      12.8      1.2
16 06 75 1545              .3          35207    6                 1400.     20.       8.                         10.0      2.0
28 07 75 1115              .3          35209    6                  210.      1.       1.                          9.0      1.4
15 08 75 1400              .3          35211    6                   56.      8.       1.                          9.0      1.2
27 10 75                   .3          35213                      7600.     12.       1.                                   1.2


                    MAXIMUM                                       7600.    224.      48.                0.00     13.5      3.6
           AVG OR GEOM MN (*)                                      818.*    17.*      5.*               0.0      11.3      1.8
                    MINIMUM                                         56.      1.       1.                0.0       9.0      1.2

              NO OF SAMPLES                                          6        6        6                  3         6        7

                                         33       34        19       20        21        22       16       14        56        55
SAMP DTE HOUR  STN  STN SAMP  PJ       TOTAL   FILTERED  FILTERED   TOTAL    NITRITE   NITRATE    TURB.    COND.  CHLORIDE      PH
DY MO YR LMT   DIST BRG DEPTH              P   REACTIVE  AMMONIA  KJELDAHL    NO2-N     NO3-N  FORMAZIN    25C      MG/L   AT LAB
               FEET      MTRS           MG/L    P MG/L     MG/L      MG/L      MG/L      MG/L    UNITS   UMHOS

07 01 75 1345              .3          0.031    0.004     0.04      0.84     0.003     0.020     2.30     116       4.
11 02 75 1600              .3          0.018    0.005     0.02      0.78     0.005     0.010     2.00     114       2.
11 03 75 1400              .3          0.010    0.009     0.05      0.40     0.006     0.020     1.70     110       2.
16 06 75 1545              .3          0.046    0.004     0.61      0.67     0.003     0.010L    1.50     108       1. L
28 07 75 1115              .3          0.031    0.006     0.03      0.82     0.003     0.010L    1.20     106       2.
15 08 75 1400              .3          0.025    0.010     0.04      0.46     0.003     0.010L    1.40     106       2.
27 10 75                   .3          0.030    0.005     0.03      0.56     0.004     0.020     1.70     101       1.


                    MAXIMUM            0.046    0.010     0.61      0.84     0.006     0.020     2.30     116       4.
           AVG OR GEOM MN (*)          0.027    0.006     0.12      0.65     0.004     0.014D    1.69     109       2. D
                    MINIMUM            0.010    0.004     0.02      0.40     0.003     0.010     1.20     101       1.

              NO OF SAMPLES              7        7         7         7        7         7        7        7         7


                                        934       95       52        50        76        61       68       25        60       280
SAMP DTE HOUR  STN  STN SAMP  PJ      SAMPLE   ACIDITY  TOT ALK  HARDNESS    CALCUL     TOTAL   COLOUR  PHENOLS             REACTIVE
DY MO YR LMT   DIST BRG DEPTH             NO      MG/L   AT LAB     CACO3  HARDNESS      IRON    HAZEN            FLUORIDE  SILICATE
               FEET      MTRS                              MG/L      MG/L      MG/L      MG/L    UNITS     UG/L      MG/L   SI MG/L

07 01 75 1345              .3          35201                                                              1. L
11 02 75 1600              .3          35203                                                              2.
11 03 75 1400              .3          35205                                                              3.
16 06 75 1545              .3          35207
28 07 75 1115              .3          35209
15 08 75 1400              .3          35211                                                              5.
27 10 75                   .3          35213


                    MAXIMUM                                                                               5.
           AVG OR GEOM MN (*)                                                                             2. D
                    MINIMUM                                                                               1.

              NO OF SAMPLES                                                                                4

                                          59        5        6         7       107        67       66       45        47        41
SAMP DTE HOUR  STN  STN SAMP  PJ     SULPHATE   TOTAL     SUSP.     DISS.     DISS.   PTSSIUM   SODIUM   TOT C   ORGANIC       COD
DY MO YR LMT   DIST BRG DEPTH                  SOLIDS    SOLIDS    SOLIDS    SOLIDS        K       NA     AS C    C AS C
               FEET      MTRS            MG/L    MG/L      MG/L      MG/L      MG/L      MG/L     MG/L    MG/L      MG/L      MG/L

07 01 75 1345              .3                             1.
11 02 75 1600              .3                             1.
11 03 75 1400              .3                             2.
16 06 75 1545              .3                             3.
28 07 75 1115              .3                             3.
15 08 75 1400              .3                             5.
27 10 75                   .3                  85.        5.        80


                    MAXIMUM                    85.        5.        80
           AVG OR GEOM MN (*)                  85.        2.        80
                    MINIMUM                    85.        1.        80

              NO OF SAMPLES                     1         7          1
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SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

STATION ID: 19-0001-003-02

B.O.W./ SITE: RAINY RIVER
SAMPLE POINT: DOWNSTREAM OF EMO
STATION TYPE: RIVER

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST RAINY RIVER

STORET CODE: 05
001

STN NO 3 LAT LONG U.T.M. 15 0435500.0 5386000.0 4 REGION 06 MILEAGE 175.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
07 01 75 1000			.3		35303	6		930.	1.	16.		0.0	11.6	1.6
11 02 75 1040			.3		35310	6 4		1900.	164.	1.		0.0	12.9	3.8
10 03 75 1600			.3		35318	6		19600E+1	136.	1.		0.0	11.5	1.4
08 04 75 0945			.3		35325	6		15000.	2400.	12.		1.5		1.6
20 05 75 1630			.3		35334	6		8200.	220.	4.				0.8
04 06 75 1015			.3		35343	6		1960.	60.	12.			9.0	1.4
11 06 75 1030			.3		35352	6 9							10.0	1.0
18 06 75 1215			.3		35361	6		3200.	72.	1.			9.0	1.2
26 06 75 1545			.3		35370	6 8							8.0	1.8
02 07 75 1530			.3		35379	6 8		560.	190.	1.			7.0	0.8
20 08 75 1245			.3		35388	6		14600.	156.	1.			9.0	1.6
22 09 75 1600			.3		35397	6							13.0	
17 11 75 1520			.3		35406	6 6		1200.	44.	8.			14.0	1.6
MAXIMUM								19600E+1	2400.	16.		1.5	14.0	3.8
AVG OR GEOM MN (*)								4384.*	96.*	3.*		0.4	10.5	1.6
MINIMUM								560.	1.	1.		0.0	7.0	0.8
NO OF SAMPLES								10	10	10		4	11	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
07 01 75 1000			.3		0.035	0.024	0.02	0.34	0.003	0.020	1.50	58	2.	
11 02 75 1040			.3		0.019	0.003	0.01	0.80	0.004	0.010	1.70	67	3.	
10 03 75 1600			.3		0.035	0.005	0.04	0.44	0.006	0.010	2.00	65	3.	
08 04 75 0945			.3		0.042	0.009	0.02	0.66	0.007	0.010	13.00	66	2.	
20 05 75 1630			.3		0.035	0.006	0.02	0.50	0.006	0.010L	6.40	66	1.	
04 06 75 1015			.3		0.070	0.007	0.02	0.64	0.005	0.010L	10.00	68	1.	
11 06 75 1030			.3		0.110	0.010	0.05	0.80	0.006	0.010L	5.10	67	1. L	
18 06 75 1215			.3		0.045	0.014	0.05	0.57	0.007	0.010L	6.30	69	1. L	
26 06 75 1545			.3		0.047	0.017	0.06	0.66	0.010	0.010L	12.00	75	1.	
02 07 75 1530			.3		0.037	0.013	0.05	0.62	0.007	0.010	6.60	79	1.	
20 08 75 1245			.3		0.032	0.004	0.01	0.49	0.003	0.010L	6.10	76	3.	
22 09 75 1600			.3		0.040			0.57				95	4.	
17 11 75 1520			.3		0.024	0.006	0.03	0.40	0.007	0.010L	27.00	66	2.	
MAXIMUM					0.110	0.024	0.06	0.80	0.010	0.020	27.00	95	4.	
AVG OR GEOM MN (*)					0.044	0.010	0.03	0.58	0.006	0.011D	8.14	71	1. D	
MINIMUM					0.019	0.003	0.01	0.34	0.003	0.010	1.50	58	1.	
NO OF SAMPLES					13	12	12	13	12	12	12	13	13	

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
07 01 75 1000			.3		35303									
11 02 75 1040			.3		35310									
10 03 75 1600			.3		35318							10.		
08 04 75 0945			.3		35325							1. L		
20 05 75 1630			.3		35334							2.		
04 06 75 1015			.3		35343									
11 06 75 1030			.3		35352							1. L		
18 06 75 1215			.3		35361							2.		
26 06 75 1545			.3		35370							2.		
02 07 75 1530			.3		35379							2.		
20 08 75 1245			.3		35388							10.		
17 11 75 1520			.3		35406									
MAXIMUM												10.		
AVG OR GEOM MN (*)												3. D		
MINIMUM												1.		
NO OF SAMPLES												8		

CONT'D

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B.O.W./ SITE: RAINY RIVER                                                                  STATION ID:  19-0001-003-02
SAMPLE POINT: DOWNSTREAM OF EMO
STATION TYPE: RIVER                                     MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER                STORET CODE: 05
                                                        MINOR BASIN: LAKE WINNIPEG EAST RAINY RIVER                           001

STN NO      3      LAT                LONG              U.T.M. 15 0435500.0 5386000.0 4     REGION 06             MILEAGE  175.40

                                           59        5         6         7        107       67        66        45        47        41
SAMP DTE HOUR  STN  STN SAMP  PJ  SULPHATE    TOTAL     SUSP.     DISS.     DISS.   PTSSIUM    SODIUM    TOT C    ORGANIC      CCD
DY MO YR LMT   DIST BRG DEPTH                 SOLIDS    SOLIDS    SOLIDS    SOLIDS      K          NA      AS C     C AS C
               FEET      MTRS         MG/L      MG/L      MG/L      MG/L      MG/L     MG/L       MG/L     MG/L      MG/L      MG/L

07 01 75 1000             .3                              1.
11 02 75 1040             .3                              1.
10 03 75 1600             .3                             10.
08 04 75 0945             .3                             75.
20 05 75 1630             .3                             10.
04 06 75 1015             .3                             40.
11 06 75 1030             .3                             10.
18 06 75 1215             .3                             10.
26 06 75 1545             .3                             20.
02 07 75 1530             .3                             10.
20 08 75 1245             .3                             20.
17 11 75 1520             .3                            150.


                   MAXIMUM                              150.
          AVG OR GEOM MN (*)                             29.
                   MINIMUM                                1.

                NO OF SAMPLES                            12



                                       65        74        200       235       238       249       217       218       219       361
SAMP DTE HOUR  STN  STN SAMP  PJ      MAG   TOT. MAG  MANGNESE    TOTAL     TOTAL     TOTAL     TOTAL    BARIUM  SELENIUM   SOLVENT
DY MO YR LMT   DIST BRG DEPTH      NESIUM    NESIUM        MN   MERCURY    NICKEL      ZINC    COBALT     MG/L      MG/L  EXTRBLES
               FEET      MTRS        MG/L      MG/L      MG/L      UG/L      MG/L      MG/L      MG/L                          MG/L

11 02 75 1040             .3                                      0.200


                   MAXIMUM                                        0.200
          AVG OR GEOM MN (*)                                      0.200
                   MINIMUM                                        0.200

                NO OF SAMPLES                                       1
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SAMPLE INFORMATION SYSTEM       STATION SUMMARY REPORT - RIVER BASINS                           DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: RAINY RIVER                                                                        STATION ID:  19-0001-004-02
 SAMPLE POINT: TOLL BRIDGE FORT FRANCES
 STATION TYPE: RIVER                                           MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER            STORET CODE: 05
                                                               MINOR BASIN: LAKE WINNIPEG EAST RAINY RIVER                       001

STN NO     4      LAT                LONG                U.T.M. 15 0470300.0 5383700.0 4     REGION 06             MILEAGE  211.40


                                     934       901       444         80         81         84         88       805          3          1
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE       SCD  FLOW CFS      TOTAL      FECAL       M.F.     PSEUD.    WATER       DISS.      5-DAY
DY MO YR LMT   DIST BRG DEPTH          NO                       COLIFORM  COLIFORM     ENTER.        MPA    TEMP.          O2        BOD
               FEET      MTRS                                   MF/100ML  MF/100ML   MF/100ML   MF/100ML    DEG C        MG/L       MG/L

06 01 75 1645            .3         35301    6 9    11800.        12.        1.         1.                  0.0       12.0        0.8
10 02 75 1630            .3         35308    6 9    11700.         1.        1.         1.                  0.0       12.2        1.4
10 03 75 1400            .3         35315    6 9    10300.       140.        1.         1.                  0.0       11.8        0.4
08 04 75 0730            .3         35322    6      10600.                                                  1.0                   1.2
21 05 75 1330            .3         35329    6      19900.       104.        1.         1.                                        1.2
04 06 75 1245            .3         35338    6      11200.       344.       12.         4.                              9.0       1.0
10 06 75 1710            .3         35347    6      12200.                                                             10.0       1.0
18 06 75 1000            .3         35356    6      12100.      4200.       72.         4.                              9.0       1.0
26 06 75 2000            .3         35365    6      16300.                                                              8.0       1.2
03 07 75 0900            .3         35374    5      19500.       652.        1.        20.                              9.0       1.0
20 08 75 1005            .3         35383    6       7090.        76.        1.        20.                             10.0       1.4
23 09 75 1530            .3         35392    6       3790.                                                             14.0
18 11 75 1300            .3         35401    6 6     6570.       212.        4.        20.                             14.0       1.2


                     MAXIMUM                        19900.      4200.       72.        20.                  1.0       14.0        1.4
          AVG OR GEOM MN (*)                        11773.       111.*       2.*        4.*                 0.3       10.8        1.1
                     MINIMUM                         3790.         1.        1.         1.                  0.0        8.0        0.4

                NO OF SAMPLES                           13          9          9          9                   4         11         12

                                      33        34        19         20         21         22         16        14         56         55
SAMP DTE HOUR  STN  STN SAMP  PJ    TOTAL  FILTERED  FILTERED      TOTAL    NITRITE    NITRATE      TURB.     COND.   CHLORIDE         PH
DY MO YR LMT   DIST BRG DEPTH           P  REACTIVE  AMMONIA   KJELDAHL      NO2-N      NO3-N   FORMAZIN       25C       MG/L     AT LAB
               FEET      MTRS        MG/L    P MG/L      MG/L       MG/L       MG/L       MG/L      UNITS     UMHOS

06 01 75 1645            .3         0.016     0.012      0.02       0.27      0.003      0.030       1.00       50       1. L
10 02 75 1630            .3         0.010     0.009      0.01       0.32      0.003      0.020       1.10       52       1. L
10 03 75 1400            .3                              0.04       0.30      0.005      0.020       0.65       47       1. L
08 04 75 0730            .3         0.024     0.010      0.03       0.26      0.005      0.030       0.85       49       1. L
21 05 75 1330            .3         0.018     0.004      0.04       0.42      0.003      0.010L      1.70       49       1. L
04 06 75 1245            .3         0.018     0.003      0.03       0.46      0.004      0.010L      1.70       52       1. L
10 06 75 1710            .3         0.019     0.009      0.09       0.25      0.005      0.010L      1.60       45       1. L
18 06 75 1000            .3         0.026     0.007      0.05       0.42      0.004      0.010L      1.60       47       1. L
26 06 75 2000            .3         0.015     0.007      0.06       0.41      0.005      0.010       1.70       50       1.
03 07 75 0900            .3                              0.04       0.43      0.007      0.010L      1.50       48       1. L
20 08 75 1005            .3         0.014     0.003      0.01       0.39      0.004      0.010L      1.90       51       1.
23 09 75 1530            .3         0.021                           0.35                                        55       1.
18 11 75 1300            .3         0.018     0.006      0.02       0.44      0.005      0.010L      1.60       52       1. L


                     MAXIMUM        0.026     0.012      0.09       0.46      0.007      0.030       1.90       55       1.
          AVG OR GEOM MN (*)        0.018     0.007      0.04       0.36      0.004      0.015D      1.41       50       1. D
                     MINIMUM        0.010     0.003      0.01       0.25      0.003      0.010       0.65       45       1.

                NO OF SAMPLES          11        10        12         13         12         12         12       13         13



                                     934        95        52         50         76         61         68        25         60        280
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE  ACIDITY   TOT ALK   HARDNESS     CALCUL      TOTAL     COLOUR   PHENOLS              REACTIVE
DY MO YR LMT   DIST BRG DEPTH           NO     MG/L    AT LAB      CACO3   HARDNESS       IRON      HAZEN             FLUORIDE   SILICATE
               FEET      MTRS                            MG/L       MG/L       MG/L       MG/L      UNITS      UG/L       MG/L   SI MG/L

06 01 75 1645            .3         35301
10 02 75 1630            .3         35308                                                                     1. L
10 03 75 1400            .3         35315                                                                     2.
08 04 75 0730            .3         35322                                                                     1.
21 05 75 1330            .3         35329                                                                     1. L
04 06 75 1245            .3         35338                                                                     1.
10 06 75 1710            .3         35347
18 06 75 1000            .3         35356                                                                     2.
26 06 75 2000            .3         35365                                                                     3.
03 07 75 0900            .3         35374                                                                     3.
20 08 75 1005            .3         35383                                                                     2.
18 11 75 1300            .3         35401                                                                     1.


                     MAXIMUM                                                                                  3.
          AVG OR GEOM MN (*)                                                                                  1. D
                     MINIMUM                                                                                  1.

                NO OF SAMPLES                                                                                 10
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CONT'D

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B.O.W./ SITE: RAINY RIVER
SAMPLE POINT: TOLL BRIDGE FORT FRANCES                                                              STATION ID:  19-0001-004-02
STATION TYPE: RIVER
                                                         MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
                                                         MINOR BASIN: LAKE WINNIPEG EAST RAINY RIVER            STORET CODE: 05
STN NO      4       LAT                  LONG                                                                               001
                                                         U.T.M. 15 0470300.0 5383700.0 4     REGION 06
                                                                                                                MILEAGE  211.40
                                           59        5         6         7        107       67        66       45       47        41
SAMP DTE HOUR  STN  STN SAMP  PJ  SULPHATE    TOTAL     SUSP.     DISS.     DISS.   PTSSIUM    SODIUM    TOT C   ORGANIC      COD
DY MO YR LMT   DIST BRG DEPTH                SOLIDS    SOLIDS    SOLIDS    SOLIDS         K        NA     AS C    C AS C
               FEET     MTRS          MG/L     MG/L      MG/L      MG/L      MG/L      MG/L      MG/L     MG/L      MG/L      MG/L

06 01 75 1645             .3                               1.
10 02 75 1630             .3                               2.
10 03 75 1400             .3                               1.
08 04 75 0730             .3                               2.
21 05 75 1330             .3                               3.
04 06 75 1245             .3                               3.
10 06 75 1710             .3                               5.
18 06 75 1000             .3                               3.
26 06 75 2000             .3                               2.
03 07 75 0900             .3                               3.
20 08 75 1005             .3                               5.
18 11 75 1300             .3                               1.


                   MAXIMUM                                 5.
         AVG OR GEOM MN (*)                                2.
                   MINIMUM                                 1.

             NO OF SAMPLES                                 12



                                    65       74       200       235       238       249      217      218       219       361
SAMP DTE HOUR  STN  STN SAMP  PJ    MAG  TOT. MAG  MANGNESE     TOTAL     TOTAL     TOTAL    TOTAL   BARIUM  SELENIUM   SOLVENT
DY MO YR LMT   DIST BRG DEPTH    NESIUM    NESIUM        MN   MERCURY    NICKEL      ZINC   COBALT     MG/L      MG/L  EXTRBLES
               FEET     MTRS       MG/L      MG/L      MG/L      UG/L      MG/L      MG/L     MG/L                         MG/L
06 01 75 1645             .3                                  0.100L
10 02 75 1630             .3                                  0.100L
10 03 75 1400             .3                                  0.200
08 04 75 0730             .3                                  0.200
10 06 75 1710             .3                                  0.080


                   MAXIMUM                                    0.200
         AVG OR GEOM MN (*)                                   0.136D
                   MINIMUM                                    0.080

             NO OF SAMPLES                                    5
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SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

STATION ID: 19-0001-005-02

B.O.W./ SITE: WABIGOON RIVER
SAMPLE POINT: UPSTREAM FROM REED LIMITED
STATION TYPE: RIVER

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER
TERM STREAM: ENGLISH RIVER

STORET CODE: 05
001
1890

STN NO   5   LAT   LONG   U.T.M. 15 0511300.0 5514100.0 4   REGION 06   MILEAGE 165.30

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
09 01 75 1500			.3		35000			1.	1.	1.		0.0	13.5	0.8
03 02 75 1100			.3		35003			76.	1.	1.				1.0
04 03 75			.3		35005			32.	4.	1.				0.6
07 04 75			.3		35007			288.	1.	12.				0.8
06 05 75 0800			.3		35009			388.	12.	1.		4.0	13.0	1.4
16 07 75 1330			.3		35011	6							11.0	0.8
27 08 75 1430			.3		35013	6							10.0	0.8
23 09 75 1050			.3		35015	6 9						12.0	9.0	1.4
27 10 75 1245			.3		35017	6 0						7.0	13.0	1.0
17 11 75 1230			.3		35019	6							14.0	1.0
MAXIMUM								388.	12.	12.		12.0	14.0	1.4
AVG OR GEOM MN (*)								49.*	2.*	2.*		5.8	11.9	1.0
MINIMUM								1.	1.	1.		0.0	9.0	0.6
NO OF SAMPLES								5	5	5		4	7	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
09 01 75 1500			.3		0.038	0.021	0.09	0.48	0.011	0.010L	13.00	99	1.	
03 02 75 1100			.3		0.024	0.015	0.06	0.53	0.007	0.008	13.00	98	1.	
04 03 75			.3		0.016	0.016	0.08	0.34	0.008	0.010	13.00	98	1. L	
07 04 75			.3		0.120	0.019	0.06	0.48	0.009	0.020	12.00	100	1.	
06 05 75 0800			.3		0.022	0.017	0.08	0.35	0.008	0.010	13.00	97	1.	
16 07 75 1330			.3		0.027	0.018	0.05	0.28	0.009	0.050	19.00	94	1.	
27 08 75 1430			.3		0.031	0.017	0.09	0.48	0.012	0.010L	13.00	91	1.	
23 09 75 1050			.3		0.048	0.018	0.09	0.44	0.012	0.010L	16.00	92	1.	
27 10 75 1245			.3		0.026	0.012	0.03	0.44	0.006	0.010L	13.00	91	1.	
17 11 75 1230			.3		0.047	0.021	0.06	0.36	0.011	0.010L	12.00	94	1.	
MAXIMUM					0.120	0.021	0.09	0.53	0.012	0.050	19.00	100	1.	
AVG OR GEOM MN (*)					0.040	0.017	0.07	0.42	0.009	0.015D	13.70	95	1. D	
MINIMUM					0.016	0.012	0.03	0.28	0.006	0.008	12.00	91	1.	
NO OF SAMPLES					10	10	10	10	10	10	10	10	10	

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
09 01 75 1500			.3		35000									
03 02 75 1100			.3		35003									
04 03 75			.3		35005							1. L		
07 04 75			.3		35007							1. L		
06 05 75 0800			.3		35009							3.		
16 07 75 1330			.3		35011									
27 08 75 1430			.3		35013							3.5		
23 09 75 1050			.3		35015									
27 10 75 1245			.3		35017									
17 11 75 1230			.3		35019									
MAXIMUM												3.5		
AVG OR GEOM MN (*)												2.1D		
MINIMUM												1.		
NO OF SAMPLES												4		

CONT'D

B.O.W./ SITE: WABIGOON RIVER
SAMPLE POINT: UPSTREAM FROM REED LIMITED
STATION TYPE: RIVER

STATION ID: 19-0001-005-02

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER
TERM STREAM: ENGLISH RIVER

STORET CODE: 05
001
1890

STN NO 5 LAT LONG U.T.M. 15 0511300.0 5514100.0 4 REGION 06 MILEAGE 165.30

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
09 01 75 1500			.3				1.							
03 02 75 1100			.3				10.							
04 03 75			.3				1.							
07 04 75			.3				2.							
06 05 75 0800			.3				2.							
16 07 75 1330			.3		3.		10.							
27 08 75 1430			.3				10.							
23 09 75 1050			.3			70.	10.	60						
27 10 75 1245			.3			95.	5.	90						
17 11 75 1230			.3			100.	2.	98						
MAXIMUM					3.	100.	10.	98						
AVG OR GEOM MN (*)					3.	88.	5.	83						
MINIMUM					3.	70.	1.	60						
NO OF SAMPLES					1	3	10	3						

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	65 MAG NESIUM MG/L	74 TOT. MAG NESIUM MG/L	200 MANGNESE MN MG/L	235 TOTAL MERCURY UG/L	238 TOTAL NICKEL MG/L	249 TOTAL ZINC MG/L	217 TOTAL COBALT MG/L	218 BARIUM MG/L	219 SELENIUM MG/L	361 SOLVENT EXTRBLES MG/L
09 01 75 1500			.3					0.100L						
04 03 75			.3					0.100						
07 04 75			.3					0.100						
27 08 75 1430			.3					0.070						
MAXIMUM								0.100						
AVG OR GEOM MN (*)								0.093D						
MINIMUM								0.070						
NO OF SAMPLES								4						

SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: WABIGOON RIVER
STATION ID: 19-0001-006-02
SAMPLE POINT: DOWNSTREAM OF REED LIMITED AT GOLF COURSE BRIDGE
STATION TYPE: RIVER
MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER
TERM STREAM: ENGLISH RIVER
STORET CODE: 05
001
1890

STN NO 6 LAT LONG U.T.M. 15 0510550.0 5515000.0 4 REGION 06 MILEAGE 164.30

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
09 01 75 1530			.3		35001		430.	56000.	16.	32.		0.0	9.0	55.0
03 02 75 1100			.3		35004	9 0	440.	87000.	1.	172.				32.0
04 03 75			.3		35006		440.	68000E+1	48.	1.				22.0
07 04 75			.3		35008		1430.	43000E+1	1260.	224.				15.0
06 05 75 0800			.3		35010	6 9 0	1460.	20000.	48.	1.		4.0	13.0	3.0
16 07 75 1400			.3		35012	6 9 0	420.						7.0	30.0
27 08 75 1440			.3		35014	6 9 0	435.						6.0	26.0
23 09 75 1130			.3		35016	6 9 0	230.					15.0	7.0	38.0
27 10 75 1330			.3		35018	6 9 0	225.					10.0	9.0	28.0
17 11 75 1315			.3		35020	6 9 0	240.						13.0	28.0
MAXIMUM							1460.	68000E+1	1260.	224.		15.0	13.0	55.0
AVG OR GEOM MN (*)							575.	12330E+*	34.*	17.*		7.3	9.1	27.7
MINIMUM							225.	20000.	1.	1.		0.0	6.0	3.0
NO OF SAMPLES							10	5	5	5		4	7	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
09 01 75 1530			.3				0.24	0.62			29.00	320	51.	
03 02 75 1100			.3		0.040	0.026	0.07	0.80	0.014	0.007	33.00	125	4.	
04 03 75			.3		0.050	0.026	0.11	0.48	0.016	0.010	15.00	235	27.	
07 04 75			.3		0.077	0.023	0.08	0.55	0.010	0.030	17.00	132	2.	
06 05 75 0800			.3		0.044	0.013	0.05	0.56	0.007	0.010L	26.00	119	1.	
16 07 75 1400			.3		0.064	0.023	0.06	0.44	0.016	0.020	24.00	255	27.	
27 08 75 1440			.3		0.100	0.023	0.08	0.75	0.014	0.010L	22.00	190	21.	
23 09 75 1130			.3		0.130	0.029	0.13	0.80	0.020	0.010L	23.00	260	31.	
27 10 75 1330			.3		0.052	0.032	0.08	0.63	0.014	0.010L	33.00	224	26.	
17 11 75 1315			.3		0.082	0.022	0.12	0.74	0.013	0.010L	22.00	146	7.	
MAXIMUM					0.130	0.032	0.24	0.80	0.020	0.030	33.00	320	51.	
AVG OR GEOM MN (*)					0.071	0.024	0.10	0.64	0.014	0.013D	24.40	201	19.	
MINIMUM					0.040	0.013	0.05	0.44	0.007	0.007	15.00	119	1.	
NO OF SAMPLES					9	9	10	10	9	9	10	10	10	

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
09 01 75 1530			.3		35001									
03 02 75 1100			.3		35004									
04 03 75			.3		35006							1. L		
07 04 75			.3		35008									
06 05 75 0800			.3		35010							7.		
16 07 75 1400			.3		35012									
27 08 75 1440			.3		35014							50.		
23 09 75 1130			.3		35016									
27 10 75 1330			.3		35018									
17 11 75 1315			.3		35020									
MAXIMUM												50.		
AVG OR GEOM MN (*)												19. D		
MINIMUM												1.		
NO OF SAMPLES												3		

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B.O.W./ SITE: WABIGOON RIVER
SAMPLE POINT: DOWNSTREAM OF REED LIMITED AT GOLF COURSE BRIDGE                                    STATION ID:  19-0001-006-02
STATION TYPE: RIVER
                                                         MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
                                                         MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER            STORET CODE: 05
                                                         TERM STREAM: ENGLISH RIVER                                             001
                                                                                                                                1890
STN NO      6       LAT                LONG              U.T.M. 15 0510550.0 5515000.0 4     REGION 06            MILEAGE  164.30

SAMP DTE HOUR  STN  STN SAMP  PJ     59        5         6         7        107       67        66       45       47         41
DY MO YR LMT   DIST BRG DEPTH     SULPHATE   TOTAL     SUSP.     DISS.     DISS.   PTSSIUM    SODIUM   TOT C   ORGANIC      COD
               FEET      MTRS                SOLIDS    SOLIDS    SOLIDS    SOLIDS       K         NA    AS C    C AS C
                                      MG/L     MG/L      MG/L      MG/L      MG/L     MG/L      MG/L    MG/L     MG/L      MG/L
09 01 75 1530             .3
03 02 75 1100             .3                           15.
04 03 75                  .3                           35.
07 04 75                  .3                           20.
06 05 75 0800             .3                           20.
16 07 75 1400             .3                           15.
27 08 75 1440             .3        34.                30.
23 09 75 1130             .3                           40.
27 10 75 1330             .3                 280.      60.       220
17 11 75 1315             .3                 230.      35.       195
                                             220.     100.       120


                   MAXIMUM          34.      280.     100.       220
          AVG OR GEOM MN (*)        34.      243.      37.       178
                   MINIMUM          34.      220.      15.       120

               NO OF SAMPLES          1         3       10         3


SAMP DTE HOUR  STN  STN SAMP  PJ     65        74        200       235      238       249       217      218       219        361
DY MO YR LMT   DIST BRG DEPTH        MAG   TOT. MAG  MANGNESE    TOTAL    TOTAL     TOTAL     TOTAL    BARIUM  SELENIUM    SOLVENT
               FEET      MTRS     NESIUM    NESIUM         MN   MERCURY   NICKEL     ZINC     COBALT    MG/L      MG/L   EXTRBLES
                                    MG/L      MG/L       MG/L      UG/L     MG/L      MG/L      MG/L                          MG/L
09 01 75 1530             .3
04 03 75                  .3                                   0.100
07 04 75                  .3                                  15.300
27 08 75 1440             .3                                   0.100
                                                               0.080


                   MAXIMUM                                    15.300
          AVG OR GEOM MN (*)                                   3.895
                   MINIMUM                                     0.080

               NO OF SAMPLES                                       4
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SAMPLE INFORMATION SYSTEM       STATION SUMMARY REPORT - RIVER BASINS                      DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: ENGLISH RIVER                                                                  STATION ID:  19-0001-007-02
 SAMPLE POINT: AT MANITOU FALLS
 STATION TYPE: RIVER                                          MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER            STORET CODE: 05
                                                              MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER                    001
                                                              TERM STREAM: ENGLISH RIVER                                        1890

STN NO      7      LAT                LONG                     U.T.M. 15 0470220.0 5600360.0 4      REGION 06             MILEAGE  121.00


                                       934       901      444        80         81        84         88        805        3          1
SAMP DTE HOUR  STN  STN SAMP  PJ     SAMPLE        SCD  FLOW CFS    TOTAL      FECAL      M.F.     PSEUD.     WATER      DISS.      5-DAY
DY MO YR LMT   DIST BRG DEPTH           NO                        COLIFORM   COLIFORM    ENTER.       MPA     TEMP.        O2        BOD
               FEET       MTRS                                    MF/100ML   MF/100ML  MF/100ML  MF/100ML    DEG C       MG/L       MG/L

07 01 75 1800               .3       35100    6 4     18000.                                                   0.0       14.2        0.6
17 02 75 0930               .3       35102    4       17800.         4.         2.                             0.0       13.0        1.0
22 05 75 0945               .3       35108            10300.                                                  12.0       12.0        1.0
15 06 75                    .3       35110             8910.                                                                         0.8


                       MAXIMUM                        18000.         4.         2.                            12.0       14.2        1.0
           AVG OR GEOM MN (*)                         13753.         4.*        2.*                            4.0       13.1        0.9
                       MINIMUM                         8910.         4.         2.                             0.0       12.0        0.6

                  NO OF SAMPLES                           4           1          1                               3          3          4



                                      33       34        19         20         21        22         16         14       56          55
SAMP DTE HOUR  STN  STN SAMP  PJ     TOTAL  FILTERED  FILTERED     TOTAL    NITRITE   NITRATE     TURB.      COND.  CHLORIDE         PH
DY MO YR LMT   DIST BRG DEPTH           P   REACTIVE   AMMONIA  KJELDAHL     NO2-N     NO3-N   FORMAZIN      25C       MG/L     AT LAB
               FEET       MTRS        MG/L    P MG/L      MG/L      MG/L      MG/L      MG/L     UNITS     UMHOS

07 01 75 1800               .3       0.038     0.021     0.04      0.38      0.005     0.010       5.00        79      1. L        6.5
17 02 75 0930               .3       0.023     0.015     0.01      0.25      0.003     0.110       3.20        79      0.          8.0
22 05 75 0945               .3       0.018     0.005     0.02      0.33      0.005     0.010L      3.10        86      1.          7.5
15 06 75                    .3       0.024     0.004     0.03      0.38      0.008     0.010L      4.10        78      1.          7.6


                       MAXIMUM       0.038     0.021     0.04      0.38      0.008     0.110       5.00        86      1.          8.0
           AVG OR GEOM MN (*)        0.026     0.011     0.03      0.34      0.005     0.035D      3.85        81      0. D        7.4
                       MINIMUM       0.018     0.004     0.01      0.25      0.003     0.010       3.10        78      0.          6.5

                  NO OF SAMPLES         4         4         4         4         4         4          4          4        4           4




                                      934       95        52        50         76        61         68         25       60         280
SAMP DTE HOUR  STN  STN SAMP  PJ     SAMPLE  ACIDITY   TOT ALK  HARDNESS     CALCUL     TOTAL     COLOUR   PHENOLS                REACTIVE
DY MO YR LMT   DIST BRG DEPTH           NO      MG/L    AT LAB     CACO3   HARDNESS      IRON      HAZEN             FLUORIDE   SILICATE
               FEET       MTRS                            MG/L      MG/L       MG/L      MG/L      UNITS      UG/L       MG/L    SI MG/L

07 01 75 1800               .3       35100      2.         38        40                 0.30        50
17 02 75 0930               .3       35102      2.         35        36                 0.25        30        1.       0.1L       1.30
22 05 75 0945               .3       35108      3.         36        38                 0.35        60        1.       0.1L       2.30
15 06 75                    .3       35110      2.         34        37                 0.36        40        1.       0.1        1.80


                       MAXIMUM                  3.         38        40                 0.36        60        1.       0.1        2.30
           AVG OR GEOM MN (*)                   2.         36        38                 0.32        45        1.       0.1D       1.80
                       MINIMUM                  2.         34        36                 0.25        30        1.       0.1        1.30

                  NO OF SAMPLES                  4          4         4                    4         4         3         3          3
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CONT'D

B.O.W./ SITE: ENGLISH RIVER
SAMPLE POINT: AT MANITOU FALLS
STATION TYPE: RIVER

STATION ID: 19-0001-007-02

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER
TERM STREAM: ENGLISH RIVER

STORET CODE: 05
001
1890

STN NO 7 LAT LONG U.T.M. 15 0470220.0 5600360.0 4 REGION 06 MILEAGE 121.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
07 01 75 1800			.3		3.		1.			0.7	1.30			20
17 02 75 0930			.3		2.	60.	4.	56		0.9	1.70			20
22 05 75 0945			.3		5.	60.	5.	55			1.70			20
15 06 75			.3		5.	57.	5.	52		1.0	1.50			20L
MAXIMUM					5.	60.	5.	56		1.0	1.70			20
AVG OR GEOM MN (*)					3.	59.	3.	54		0.9	1.55			200
MINIMUM					2.	57.	1.	52		0.7	1.30			20
NO OF SAMPLES					4	3	4	3		3	4			4

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	203 TOTAL ALUMINUM MG/L	265 TOTAL ARSENIC MG/L	64 CALCIUM MG/L	72 TOTAL CALCIUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	272 SIMPLE CYANIDE MG/L	215 TOTAL CADMIUM MG/L	229 TOTAL LEAD MG/L
07 01 75 1800			.3		35100		0.01 L	11.0				0.01L		
17 02 75 0930			.3		35102	0.22		10.0			0.07			
22 05 75 0945			.3		35108	0.36		12.0			0.03 L			
15 06 75			.3		35110	0.53		12.0			0.03			
MAXIMUM						0.53	0.01	12.0			0.07	0.01		
AVG OR GEOM MN (*)						0.37	0.01 D	11.3			0.04 D	0.01D		
MINIMUM						0.22	0.01	10.0			0.03	0.01		
NO OF SAMPLES						3	1	4			3	1		

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	65 MAG NESIUM MG/L	74 TOT. MAG NESIUM MG/L	200 MANGNESE MN MG/L	235 TOTAL MERCURY UG/L	238 TOTAL NICKEL MG/L	249 TOTAL ZINC MG/L	217 TOTAL COBALT MG/L	218 BARIUM MG/L	219 SELENIUM MG/L	361 SOLVENT EXTRBLES MG/L
07 01 75 1800			.3		3.0		0.02 L	0.100L						
17 02 75 0930			.3		3.0		0.04 L		0.02 L	0.050L				
22 05 75 0945			.3		2.0		0.02		0.09	0.040				
15 06 75			.3		2.0		0.02 L		0.01 L	0.060				
MAXIMUM					3.0		0.04	0.100	0.09	0.060				
AVG OR GEOM MN (*)					2.5		0.03 D	0.100D	0.04 D	0.050D				
MINIMUM					2.0		0.02	0.100	0.01	0.040				
NO OF SAMPLES					4		4	1	3	3				

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SAMPLE INFORMATION SYSTEM        STATION SUMMARY REPORT - RIVER BASINS                          DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: TROUTLAKE RIVER                                                                  STATION ID:  19-0001-008-02
 SAMPLE POINT: AT HIGHWAY NO 105
 STATION TYPE: RIVER                                       MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER          STORET CODE: 05
                                                           MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER                  001
                                                           TERM STREAM: ENGLISH RIVER                                      1890

STN NO      8       LAT                LONG                U.T.M. 15 0470080.0 5630060.0 4     REGION 06           MILEAGE  145.00


                                       934        901        444          80         81         84         88       805        3          1
SAMP DTE HOUR  STN  STN SAMP  PJ      SAMPLE          SCD  FLOW CFS      TOTAL      FECAL       M.F.     PSEUD.     WATER     DISS.     5-DAY
DY MO YR LMT   DIST BRG DEPTH             NO                          COLIFORM   COLIFORM     ENTER.        MPA     TEMP.       O2        BOD
               FEET          MTRS                                    MF/100ML   MF/100ML   MF/100ML   MF/100ML    DEG C      MG/L       MG/L

07 01 75 1930                  .3     35101       6                                                                 0.0      14.5        1.0
20 01 75 1015                  .3     35190       4                                                                 0.0      14.0
17 02 75 1100                  .3     35103       4                             8.         0.                       0.0      14.0        0.3
14 04 75 1045                  .3     35107       4                                                                 0.0      14.0
22 05 75 1100                  .3     35109                                                                        14.0      11.0        2.6
15 06 75                       .3     35111                                                                                              0.6


                          MAXIMUM                                           8.         0.00                        14.0      14.5        2.6
               AVG OR GEOM MN (*)                                           8.*        1.*                          2.8      13.5        1.1
                          MINIMUM                                           8.         0.                           0.0      11.0        0.3

                    NO OF SAMPLES                                             1          1                            5         5          4




                                       33        34         19          20         21         22         16         14         56          55
SAMP DTE HOUR  STN  STN SAMP  PJ      TOTAL  FILTERED   FILTERED      TOTAL    NITRITE    NITRATE      TURB.      COND.  CHLORIDE          PH
DY MO YR LMT   DIST BRG DEPTH             P  REACTIVE    AMMONIA   KJELDAHL      NO2-N      NO3-N   FORMAZIN       25C       MG/L      AT LAB
               FEET          MTRS      MG/L    P MG/L       MG/L       MG/L       MG/L       MG/L      UNITS     UMHOS

07 01 75 1930                  .3     0.031     0.008      0.04       0.45      0.004     0.010L       1.70        89        2.
20 01 75 1015                  .3
17 02 75 1100                  .3     0.009     0.004      0.01       0.23      0.003                  1.70        81        0.
14 04 75 1045                  .3
22 05 75 1100                  .3     0.030     0.005      0.05       0.61      0.004     0.010L       3.70        84        1.
15 06 75                       .3     0.011     0.003      0.04       0.52      0.006     0.010L       4.90       100        1.


                          MAXIMUM     0.031     0.008      0.05       0.61      0.006     0.010        4.90       100        2.
               AVG OR GEOM MN (*)     0.020     0.005      0.04       0.45      0.004     0.010D       3.00        89        1.
                          MINIMUM     0.009     0.003      0.01       0.23      0.003     0.010        1.70        81        0.

                    NO OF SAMPLES         4         4          4          4          4          3          4         4         4
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SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: RAINY RIVER
SAMPLE POINT: DOWNSTREAM FROM CONFLUENCE WITH BAUDETTE RIVER
STATION TYPE: RIVER
STATION ID: 19-0001-009-02
MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST RAINY RIVER
STORET CODE: 05 001

STN NO 9 LAT LONG U.T.M. 15 0382950.0 5397300.0 4 REGION 06 MILEAGE 140.40

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
07 01 75	0745			.3		35306	6 4		9300.	344.	144.		0.0	12.8	1.2
11 02 75	1200			.3		35313	6 4		2800.	124.	12.		0.0	12.4	
11 03 75	1040			.3		35320	6 4		17300.	44.	8.		0.0	14.3	2.0
20 05 75	1430			.3		35336	6		6900.	150.	1.				0.8
03 06 75	1630			.3		35345	6		6200.	76.	16.			9.0	0.8
11 06 75	1200			.3		35354	6		110.	10. L	10. L			9.0	1.2
18 06 75	1400			.3		35363	6		5800.	204.	16.			8.0	1.6
26 06 75	1425			.3		35372	6							7.0	1.2
02 07 75	1400			.3		35381	6		15200.	48.	20.			8.0	0.8
20 08 75	1400			.3		35390	6		4600.	128.	16.			8.0	1.0
22 09 75	1440			.3		35399	6							14.0	
17 11 75	1415			.3		35408	6 6		44.	68.	20.			14.0	1.4
MAXIMUM									17300.	344.	144.		0.00	14.3	2.0
AVG OR GEOM MN (*)									2869.*	84.* D	14.* D		0.0	10.6	1.2
MINIMUM									44.	10.	1.		0.0	7.0	0.8
NO OF SAMPLES									10	10	10		3	11	10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
07 01 75	0745			.3		0.038	0.009	0.02	0.45	0.003	0.020	3.20	70	2.	
11 02 75	1200			.3		0.016	0.005	0.01 L	0.48	0.003	0.010	2.30	73	2.	
11 03 75	1040			.3		0.047	0.004	0.05	0.65	0.006	0.020	2.60	78	3.	
20 05 75	1430			.3		0.034	0.007	0.07	0.60	0.008	0.010L	5.00	78	1.	
03 06 75	1630			.3		0.036	0.011	0.04	0.64	0.005	0.010L	4.40	91	1.	
11 06 75	1200			.3			0.010	0.05	1.70	0.006	0.010	2.70	84	1. L	
18 06 75	1400			.3		0.049	0.029	0.05	0.57	0.007	0.010L	3.70	83	1. L	
26 06 75	1425			.3		0.038	0.015	0.07	0.66	0.010	0.010L	10.00	82	1.	
02 07 75	1400			.3		0.039	0.018	0.06	0.71	0.008	0.010	5.70	118	2.	
20 08 75	1400			.3		0.043	0.010	0.01	0.44	0.005	0.010L	7.70	90	3.	
22 09 75	1440			.3		0.024			0.41				108	5.	
17 11 75	1415			.3		0.025	0.007	0.03	0.56	0.007	0.010L	5.70	84	3.	
MAXIMUM						0.049	0.029	0.07	1.70	0.010	0.020	10.00	118	5.	
AVG OR GEOM MN (*)						0.035	0.011	0.04 D	0.66	0.006	0.012D	4.82	87	2. D	
MINIMUM						0.016	0.004	0.01	0.41	0.003	0.010	2.30	70	1.	
NO OF SAMPLES						11	11	11	12	11	11	11	12	12	

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
07 01 75	0745			.3		35306							2.		
11 02 75	1200			.3		35313							2.		
11 03 75	1040			.3		35320							4.		
20 05 75	1430			.3		35336							1. L		
03 06 75	1630			.3		35345							1.		
11 06 75	1200			.3		35354									
18 06 75	1400			.3		35363							1.		
26 06 75	1425			.3		35372							4.		
02 07 75	1400			.3		35381							4.		
20 08 75	1400			.3		35390							2.		
17 11 75	1415			.3		35408							3.		
MAXIMUM													4.		
AVG OR GEOM MN (*)													2. D		
MINIMUM													1.		
NO OF SAMPLES													10		

CONT'D

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5.O.W./ SITE: RAINY RIVER                                                                        STATION ID:  19-0001-009-02
SAMPLE POINT: DOWNSTREAM FROM CONFLUENCE WITH BAUDETTE RIVER
STATION TYPE: RIVER                                           MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER            STORET CODE: 05
                                                              MINOR BASIN: LAKE WINNIPEG EAST RAINY RIVER                       001

STN NO      9       LAT               LONG                 U.T.M. 15 0382950.0 5397300.0 4     REGION 06              MILEAGE  140.40

                                          59        5        6        7       107       67        66       45       47        41
SAMP DTE HOUR  STN  STN SAMP  PJ   SULPHATE    TOTAL    SUSP.    DISS.     DISS.  PTSSIUM    SODIUM    TOT C  ORGANIC       COD
DY MO YR LMT   DIST BRG DEPTH                 SOLIDS   SOLIDS   SOLIDS    SOLIDS        K        NA     AS C   C AS C
               FEET      MTRS          MG/L     MG/L     MG/L     MG/L      MG/L     MG/L      MG/L     MG/L     MG/L      MG/L

07 01 75 0745              .3                             4.
11 02 75 1200              .3                             2.
11 03 75 1040              .3                             5.
20 05 75 1430              .3                             5.
03 06 75 1630              .3                             5.
11 06 75 1200              .3                             5.
18 06 75 1400              .3                             5.
26 06 75 1425              .3                            15.
02 07 75 1400              .3                             5.
20 08 75 1400              .3                            20.
17 11 75 1415              .3                            15.


                      MAXIMUM                            20.
           AVG OR GEOM MN (*)                             7.
                      MINIMUM                             2.

                NO OF SAMPLES                             11


                                          65       74      200      235      238      249       217      218      219       361
SAMP DTE HOUR  STN  STN SAMP  PJ         MAG TOT. MAG MANGNESE    TOTAL    TOTAL    TOTAL     TOTAL   BARIUM SELENIUM   SOLVENT
DY MO YR LMT   DIST BRG DEPTH         NESIUM   NESIUM       MN  MERCURY   NICKEL     ZINC    COBALT     MG/L     MG/L  EXTRBLES
               FEET      MTRS           MG/L     MG/L     MG/L     UG/L     MG/L     MG/L      MG/L                        MG/L

07 01 75 0745              .3                                    0.100L
11 02 75 1200              .3                                    0.100L
11 03 75 1040              .3                                    0.400
11 06 75 1200              .3                                    0.050


                      MAXIMUM                                    0.400
           AVG OR GEOM MN (*)                                    0.163D
                      MINIMUM                                    0.050

                NO OF SAMPLES                                       4
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SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: RAINY RIVER STATION ID: 19-0001-010-02
SAMPLE POINT: UPSTREAM FROM CONFLUENCE WITH BAUDETTE RIVER
STATION TYPE: RIVER
MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER STORET CODE: 05
MINOR BASIN: LAKE WINNIPEG EAST RAINY RIVER 001

STN NO 10 LAT LONG U.T.M. 15 0385600.0 5396850.0 4 REGION 06 MILEAGE 142.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
07 01 75 0800			.3		35305	6 4		960.	4.	1.		0.0	14.2	1.0
11 02 75 1145			.3		35312	4 6		1700.	48.	1.		0.0	12.8	2.8
11 03 75 1000			.3		35319	6 4		27000.	24.	12.		0.0	14.8	2.2
08 04 75 1040			.3		35326	6 4		7300.	128.	16.		0.0		4.0
20 05 75 1500			.3		35335	6		1200.	40.	1.				1.0
03 06 75 1700			.3		35344	6		8600.	1.	4.			9.0	1.2
11 06 75 1130			.3		35353	6							9.0	1.0
18 06 75 1330			.3		35362	6 8		1800.	36.	1.			8.0	1.0
26 06 75 1445			.3		35371	6							7.0	1.8
02 07 75 1430			.3		35380	6		17600.	24.	1.			7.0	1.0
20 08 75 1330			.3		35389	6 8		3600.	372.	1.			8.0	1.0
22 09 75 1515			.3		35398	6							14.0	
17 11 75 1435			.3		35407	6 6		1400.	12.	1.			14.0	2.0
MAXIMUM								27000.	372.	16.		0.00	14.8	4.0
AVG OR GEOM MN (*)								3737.*	25.*	2.*		0.0	10.7	1.7
MINIMUM								960.	1.	1.		0.0	7.0	1.0
NO OF SAMPLES								10	10	10		4	11	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
07 01 75 0800			.3		0.041	0.018	0.02	0.40	0.004	0.020	1.70	72	2.	
11 02 75 1145			.3		0.023	0.007	0.01 L	0.70	0.003	0.020	4.00	75	6.	
11 03 75 1000			.3		0.031	0.003	0.03	0.84	0.006	0.010	2.00	77	3.	
08 04 75 1040			.3		0.082	0.006	0.02	1.40	0.009	0.010	2.70	89	4.	
20 05 75 1500			.3		0.028	0.007	0.04	0.61	0.007	0.010L	4.30	117	1.	
03 06 75 1700			.3		0.055	0.009	0.03	0.77	0.005	0.010L	3.40	136	1.	
11 06 75 1130			.3		0.047	0.010	0.05	0.80	0.006	0.010	2.70	83	1. L	
18 06 75 1330			.3		0.039	0.010	0.04	0.55	0.006	0.010L	3.30	82	1. L	
26 06 75 1445			.3		0.043	0.020	0.06	0.76	0.011	0.010L	10.00	122	1.	
02 07 75 1430			.3		0.032	0.010	0.05	0.67	0.008	0.010	4.30	86	1.	
20 08 75 1330			.3		0.030	0.010	0.01	0.47	0.005	0.010L	3.40	91	3.	
22 09 75 1515			.3		0.024			0.60				126	5.	
17 11 75 1435			.3		0.022	0.007	0.03	0.66	0.007	0.010L	5.00	110	2.	
MAXIMUM					0.082	0.020	0.06	1.40	0.011	0.020	10.00	136	6.	
AVG OR GEOM MN (*)					0.038	0.010	0.03 D	0.71	0.006	0.012D	3.90	97	2. D	
MINIMUM					0.022	0.003	0.01	0.40	0.003	0.010	1.70	72	1.	
NO OF SAMPLES					13	12	12	13	12	12	12	13	13	

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
07 01 75 0800			.3		35305							1.		
11 02 75 1145			.3		35312							2.		
11 03 75 1000			.3		35319							4.		
08 04 75 1040			.3		35326							3.		
20 05 75 1500			.3		35335							1. L		
03 06 75 1700			.3		35344							1.		
11 06 75 1130			.3		35353									
18 06 75 1330			.3		35362							1. L		
26 06 75 1445			.3		35371							2.		
02 07 75 1430			.3		35380							3.		
20 08 75 1330			.3		35389							1. L		
17 11 75 1435			.3		35407							3.		
MAXIMUM												4.		
AVG OR GEOM MN (*)												2. D		
MINIMUM												1.		
NO OF SAMPLES												11		

CONT'D

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 B.O.W./ SITE: RAINY RIVER                                                                                    STATION ID:  19-0001-010-02
 SAMPLE POINT: UPSTREAM FROM CONFLUENCE WITH BAUDETTE RIVER
 STATION TYPE: RIVER                                              MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER              STORET CODE: 05
                                                                  MINOR BASIN: LAKE WINNIPEG EAST RAINY RIVER                          001

STN NO      10       LAT               LONG                U.T.M. 15 0385600.0 5396850.0 4     REGION 06             MILEAGE  142.00

                                         59         5         6         7        107        67        66       45        47          41
SAMP DTE HOUR  STN  STN SAMP  PJ  SULPHATE     TOTAL     SUSP.     DISS.     DISS.   PTSSIUM    SODIUM    TOT C   ORGANIC         COD
DY MO YR LMT   DIST BRG DEPTH                 SOLIDS    SOLIDS    SOLIDS    SOLIDS         K        NA     AS C    C AS C
               FEET       MTRS        MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L     MG/L      MG/L        MG/L

07 01 75 0800               .3                            1.
11 02 75 1145               .3                            5.
11 03 75 1000               .3                            2.
08 04 75 1040               .3                           10.
20 05 75 1500               .3                            5.
03 06 75 1700               .3                            5.
11 06 75 1130               .3                           10.
18 06 75 1330               .3                            5.
26 06 75 1445               .3                           10.
02 07 75 1430               .3                            3.
20 08 75 1330               .3                            5.
17 11 75 1435               .3                            5.


                       MAXIMUM                           10.
           AVG OR GEOM MN (*)                             5.
                       MINIMUM                            1.

                 NO OF SAMPLES                            12


                                         65        74       200       235       238       249       217      218       219         361
SAMP DTE HOUR  STN  STN SAMP  PJ        MAG  TOT. MAG  MANGNESE     TOTAL     TOTAL     TOTAL     TOTAL   BARIUM  SELENIUM     SOLVENT
DY MO YR LMT   DIST BRG DEPTH        NESIUM    NESIUM        MN   MERCURY    NICKEL      ZINC    COBALT     MG/L      MG/L    EXTRBLES
               FEET       MTRS        MG/L      MG/L      MG/L      UG/L      MG/L      MG/L      MG/L                           MG/L

07 01 75 0800               .3                                    0.100L
11 02 75 1145               .3                                    0.100
11 03 75 1000               .3                                    0.300


                       MAXIMUM                                    0.300
           AVG OR GEOM MN (*)                                     0.167D
                       MINIMUM                                    0.100

                 NO OF SAMPLES                                       3
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SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

B.O.W./ SITE: RAINY RIVER
SAMPLE POINT: ABOVE EMO
STATION TYPE: RIVER

STATION ID: 19-0001-011-02

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST RAINY RIVER

STORET CODE: 05 001

STN NO 11   LAT   LONG   U.T.M. 15 0439950.0 5382400.0 4   REGION 06   MILEAGE 182.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
07 01 75 0905			.3		35304	6		1200.	4.	1.		0.0	14.2	0.8
11 02 75 1000			.3		35311	4 6		2800.	72.	1.		0.0	13.4	2.6
10 03 75 1540			.3		35317	6		26000.	240.	12.		0.0	11.8	1.0
08 04 75 0930			.3		35324	6		14200.	44.	1.		1.0		0.8
21 05 75 1030			.3		35333			14200.	100.	12.				1.0
04 06 75 1045			.3		35342	6		9900.	80.	8.			8.0	1.0
11 06 75 1000			.3		35351	6							10.0	1.2
18 06 75 1145			.3		35360	6		2400.	152.	1.			8.0	1.2
26 06 75 1610			.3		35369	6 8							7.0	1.8
02 07 75 1550			.3		35378	6 8		10000.	20.	4.			8.0	0.8
20 08 75 1215			.3		35387	6		8300.	288.	1.			9.0	1.2
22 09 75 1620			.3		35396	6							12.0	
17 11 75 1535			.3		35405	6 6		1100.	28.	4.			14.0	1.6
MAXIMUM								26000.	288.	12.		1.0	14.2	2.6
AVG OR GEOM MN (*)								5730.*	60.*	3.*		0.3	10.5	1.3
MINIMUM								1100.	4.	1.		0.0	7.0	0.8
NO OF SAMPLES								10	10	10		4	11	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
07 01 75 0905			.3		0.032	0.019	0.02	0.33	0.003	0.020	1.50	58	2.	
11 02 75 1000			.3		0.015	0.004	0.01	0.58	0.005	0.020	1.70	64	2.	
10 03 75 1540			.3		0.022	0.003	0.02	0.40	0.006	0.010	1.60	65	3.	
08 04 75 0930			.3		0.045	0.008	0.02	0.38	0.007	0.010	3.50	69	2.	
21 05 75 1030			.3		0.045	0.007	0.02	0.63	0.006	0.010L	7.20	68	1.	
04 06 75 1045			.3		0.039	0.005	0.02	0.54	0.005	0.010L	7.00	68	6.	
11 06 75 1000			.3		0.039	0.011	0.05	0.60	0.006	0.010L	4.60	68	1.	
18 06 75 1145			.3		0.044	0.011	0.03	0.71	0.005	0.010L	5.10	69	1. L	
26 06 75 1610			.3				0.07	0.77	0.012	0.010L	17.00	87	1.	
02 07 75 1550			.3		0.035	0.011	0.04	0.65	0.007	0.010	5.70	86	1.	
20 08 75 1215			.3		0.040	0.009	0.01	0.49	0.004	0.010L	4.20	78	3.	
22 09 75 1620			.3		0.046			0.61				95	4.	
17 11 75 1535			.3		0.066	0.006	0.01	0.48	0.006	0.010L	12.00	70	3.	
MAXIMUM					0.066	0.019	0.07	0.77	0.012	0.020	17.00	95	6.	
AVG OR GEOM MN (*)					0.039	0.009	0.03	0.55	0.006	0.012D	5.93	73	2. D	
MINIMUM					0.015	0.003	0.01	0.33	0.003	0.010	1.50	58	1.	
NO OF SAMPLES					12	11	12	13	12	12	12	13	13	

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
07 01 75 0905			.3		35304							1.		
11 02 75 1000			.3		35311									
10 03 75 1540			.3		35317							5.		
08 04 75 0930			.3		35324							2.		
21 05 75 1030			.3		35333							1. L		
04 06 75 1045			.3		35342							1.		
11 06 75 1000			.3		35351									
18 06 75 1145			.3		35360							1.		
26 06 75 1610			.3		35369							4.		
02 07 75 1550			.3		35378							5.		
20 08 75 1215			.3		35387							2.		
17 11 75 1535			.3		35405							4.		
MAXIMUM												5.		
AVG OR GEOM MN (*)												2. D		
MINIMUM												1.		
NO OF SAMPLES												10		

CONT'D

B.O.W./ SITE: RAINY RIVER
SAMPLE POINT: ABOVE EMO
STATION TYPE: RIVER

STATION ID: 19-0001-011-02

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST RAINY RIVER

STORET CODE: 05 001

STN NO 11 LAT LONG U.T.M. 15 0439950.0 5382400.0 4 REGION 06 MILEAGE 182.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
07 01 75 0905			.3				1.							
11 02 75 1000			.3				1.							
10 03 75 1540			.3				2.							
08 04 75 0930			.3				10.							
21 05 75 1030			.3				10.							
04 06 75 1045			.3				10.							
11 06 75 1000			.3				10.							
18 06 75 1145			.3				10.							
26 06 75 1610			.3				25.							
02 07 75 1550			.3				10.							
20 08 75 1215			.3				5.							
17 11 75 1535			.3				55.							
MAXIMUM							55.							
AVG OR GEOM MN (*)							12.							
MINIMUM							1.							
NO OF SAMPLES							12							

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	65 MAG NESIUM MG/L	74 TOT. MAG NESIUM MG/L	200 MANGNESE MN MG/L	235 TOTAL MERCURY UG/L	238 TOTAL NICKEL MG/L	249 TOTAL ZINC MG/L	217 TOTAL COBALT MG/L	218 BARIUM MG/L	219 SELENIUM MG/L	361 SOLVENT EXTRBLES MG/L
11 02 75 1000			.3					0.100L						
MAXIMUM								0.100						
AVG OR GEOM MN (*)								0.100D						
MINIMUM								0.100						
NO OF SAMPLES								1						

SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

B.O.W./ SITE: RAINY RIVER
SAMPLE POINT: DOWNSTREAM FROM FORT FRANCES, NORTH
STATION TYPE: RIVER

STATION ID: 19-0001-012-02

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST RAINY RIVER

STORET CODE: 05
001

STN NO   12   LAT   LONG   U.T.M. 15 0464340.0 5376700.0 4   REGION 06   MILEAGE 204.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
06 01 75 1800			.3		35302	6 9		1900.	16.	60.		0.0	12.4	1.4
11 02 75 0830			.3		35309	6 9		432.	4.	12.		0.0	14.0	4.2
10 03 75 1500			.3		35316	6 9 0		30000.	32.	1.		0.0	12.0	1.2
08 04 75 0900			.3		35323	6 9 0		40.	1.	1.		1.0		1.2
21 05 75 1130			.3		35330	6 9		12000E+1	28.	12.				1.6
04 06 75 1200			.3		35339	6		12400.	100.	4.			8.0	1.0
10 06 75 1415			.3		35348	6 9							10.0	1.0
18 06 75 1100			.3		35357	6 9		2100.	212.	4.			10.0	1.8
26 06 75 1700			.3		35366	6 9							8.0	1.6
03 07 75 1000			.3		35375	5		31000.	210.	20.			8.0	1.2
20 08 75 1110			.3		35384	6		540.	104.	1.			8.0	1.4
23 09 75 1500			.3		35393	6							14.0	
17 11 75 1600			.3		35404	6 6		100.	4.	4.			14.0	1.2
MAXIMUM								12000E+1	212.	60.		1.0	14.0	4.2
AVG OR GEOM MN (*)								2351.*	25.*	5.*		0.3	10.8	1.6
MINIMUM								40.	1.	1.		0.0	8.0	1.0
NO OF SAMPLES								10	10	10		4	11	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
06 01 75 1800			.3		0.035	0.022	0.01	0.37	0.003	0.020	1.50	58	2.	
11 02 75 0830			.3		0.028	0.015	0.03	0.79	0.004	0.020	2.30	62	2.	
10 03 75 1500			.3		0.015	0.012	0.04	0.25	0.009	0.010	1.30	61	3.	
08 04 75 0900			.3		0.050	0.034	0.10	0.83	0.013	0.030	93.00	76	2.	
21 05 75 1130			.3		0.025	0.005	0.03	0.54	0.004	0.010L	2.70	56	2.	
04 06 75 1200			.3		0.024	0.003	0.04	0.45	0.005	0.010L	2.50	59	2.	
10 06 75 1415			.3		0.020	0.017	0.10	0.24	0.006	0.010L	4.30	56	1.	
18 06 75 1100			.3		0.035	0.007	0.03	0.51	0.004	0.010L	2.80	56	1.	
26 06 75 1700			.3		0.016	0.007	0.04	0.46	0.005	0.010	2.70	55	1.	
03 07 75 1000			.3		0.015	0.005	0.02	0.38	0.005	0.010L	2.60	53	1. L	
20 08 75 1110			.3		0.026	0.006	0.01	0.39	0.004	0.010L	2.50	66	3.	
23 09 75 1500			.3		0.041			0.53				81	5.	
17 11 75 1600			.3		0.018	0.006	0.02	0.33	0.006	0.010L	17.00	56	1. L	
MAXIMUM					0.050	0.034	0.10	0.83	0.013	0.030	93.00	81	5.	
AVG OR GEOM MN (*)					0.027	0.012	0.04	0.47	0.006	0.013D	11.27	61	2. D	
MINIMUM					0.015	0.003	0.01	0.24	0.003	0.010	1.30	53	1.	
NO OF SAMPLES					13	12	12	13	12	12	12	13	13	

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	63 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
06 01 75 1800			.3		35302							1.		
11 02 75 0830			.3		35309							3.		
10 03 75 1500			.3		35316							4.		
08 04 75 0900			.3		35323							4.		
21 05 75 1130			.3		35330							1.		
04 06 75 1200			.3		35339							3.		
10 06 75 1415			.3		35348									
18 06 75 1100			.3		35357							1.		
26 06 75 1700			.3		35366							1. L		
03 07 75 1000			.3		35375							1.		
20 08 75 1110			.3		35384							2.		
17 11 75 1600			.3		35404							1.		
MAXIMUM												4.		
AVG OR GEOM MN (*)												2. D		
MINIMUM												1.		
NO OF SAMPLES												11		

CONT'D

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 B.O.W./ SITE: RAINY RIVER                                                                        STATION ID:  19-0001-012-02
 SAMPLE POINT: DOWNSTREAM FROM FORT FRANCES, NORTH
 STATION TYPE: RIVER                                           MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER            STORET CODE: 05
                                                               MINOR BASIN: LAKE WINNIPEG EAST RAINY RIVER                         001

STN NO     12       LAT                 LONG                    U.T.M. 15 0464340.0 5376700.0 4      REGION 06           MILEAGE  204.00

                                             59         5          6          7         107        67         66        45       47          41
SAMP DTE HOUR  STN   STN SAMP  PJ  SULPHATE      TOTAL      SUSP.      DISS.      DISS.    PTSSIUM     SODIUM     TOT C    ORGANIC       COD
DY MO YR LMT   DIST BRG DEPTH                    SOLIDS     SOLIDS     SOLIDS     SOLIDS        K          NA      AS C     C AS C
               FEET      MTRS          MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L      MG/L      MG/L       MG/L

06 01 75 1800              .3                                1.
11 02 75 0830              .3                                3.
10 03 75 1500              .3                                1.
08 04 75 0900              .3                                1.
21 05 75 1130              .3                                5.
04 06 75 1200              .3                                5.
10 06 75 1415              .3                                5.
18 06 75 1100              .3                                5.
26 06 75 1700              .3                                5.
03 07 75 1000              .3                                3.
20 08 75 1110              .3                                2.
17 11 75 1600              .3                              140.


                     MAXIMUM                               140.
            AVG OR GEOM MN (*)                              14.
                     MINIMUM                                 1.

                 NO OF SAMPLES                               12



                                             65         74        200        235        238        249        217       218       219         361
SAMP DTE HOUR  STN   STN SAMP  PJ         MAG   TOT. MAG   MANGNESE      TOTAL      TOTAL      TOTAL      TOTAL    BARIUM  SELENIUM    SOLVENT
DY MO YR LMT   DIST BRG DEPTH          NESIUM     NESIUM         MN    MERCURY     NICKEL       ZINC     COBALT      MG/L      MG/L   EXTRBLES
               FEET      MTRS            MG/L       MG/L       MG/L       UG/L       MG/L       MG/L       MG/L                          MG/L

06 01 75 1800              .3                                         0.100L
11 02 75 0830              .3                                         0.100L
10 03 75 1500              .3                                         0.100
08 04 75 0900              .3                                         0.100
10 06 75 1415              .3                                         0.050L


                     MAXIMUM                                          0.100
            AVG OR GEOM MN (*)                                        0.090D
                     MINIMUM                                          0.050

                 NO OF SAMPLES                                           5
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SAMPLE INFORMATION SYSTEM       STATION SUMMARY REPORT - RIVER BASINS
                                                                                  DATE OF REPORT  28 OCT 77
 B.O.W./ SITE: RAINY RIVER
 SAMPLE POINT: DOWNSTREAM FROM FORT FRANCES, CENTRE                                   STATION ID:  19-0001-013-02
 STATION TYPE: RIVER
                                                      MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER             STORET CODE: 05
                                                      MINOR BASIN: LAKE WINNIPEG EAST RAINY RIVER                         001
STN NO     13       LAT                  LONG
                                                       U.T.M. 15 0464350.0 5376600.0 4     REGION 06           MILEAGE  204.00

                                         934        901       444        80         81         84         88        805          3          1
SAMP DTE HOUR  STN  STN SAMP  PJ       SAMPLE          SCD  FLOW CFS     TOTAL      FECAL       M.F.     PSEUD.     WATER      DISS.      5-DAY
DY MO YR LMT   DIST BRG DEPTH              NO                         COLIFORM   COLIFORM     ENTER.        MPA     TEMP.        O2        BOD
               FEET       MTRS                                        MF/100ML   MF/100ML   MF/100ML   MF/100ML    DEG C       MG/L       MG/L

21 05 75 1125             .3           35331   6 9                    14100E+1   156.        8.                                           1.6
04 06 75 1200             .3           35340   6                      20000.     184.       12.                                8.0        2.0
10 06 75 1430             .3           35349   6                                                                            10.0        1.6
18 06 75 1045             .3           35358   6 9                     3900.     686.        1.                                9.0        1.4
26 06 75 1700             .3           35367   6                                                                             8.0        1.8
03 07 75 0955             .3           35376   5                      12000.      20.       16.                                8.0        1.4
20 08 75 1105             .3           35385   6                       6300.      72.       12.                                8.0        1.8
23 09 75 1505             .3           35394   6                                                                            14.0


                    MAXIMUM                                           14100E+1   686.       16.                               14.0        2.0
          AVG OR GEOM MN (*)                                          15275.*    123.*       7.*                               9.3        1.7
                    MINIMUM                                            3900.      20.        1.                                8.0        1.4

              NO OF SAMPLES                                               5          5          5                                 7          7



                                         33         34         19         20         21         22         16         14         56         55
SAMP DTE HOUR  STN  STN SAMP  PJ       TOTAL   FILTERED   FILTERED      TOTAL    NITRITE    NITRATE      TURB.      COND.   CHLORIDE         PH
DY MO YR LMT   DIST BRG DEPTH              P   REACTIVE   AMMONIA    KJELDAHL     NO2-N      NO3-N   FORMAZIN        25C       MG/L     AT LAB
               FEET       MTRS          MG/L     P MG/L       MG/L       MG/L       MG/L       MG/L      UNITS      UMHOS

21 05 75 1125             .3           0.025      0.005      0.03       0.52      0.005      0.010L      2.70        56       2.
04 06 75 1200             .3           0.028      0.002      0.02       0.46      0.004      0.010L      3.00        62       3.
10 06 75 1430             .3           0.013      0.005      0.02       0.26      0.004      0.010L      2.60        56       1.
18 06 75 1045             .3           0.035      0.006      0.03       0.49      0.005      0.010L      2.70        55       1. L
26 06 75 1700             .3           0.027      0.004      0.02       0.53      0.004      0.010L      1.30        56       1.
03 07 75 0955             .3           0.040      0.052      0.02       0.44      0.005      0.010L      2.30        52       1.
20 08 75 1105             .3           0.025      0.006      0.01       0.42      0.004      0.010L      2.80        63       3.
23 09 75 1505             .3           0.061                            0.60                                       89       6.


                    MAXIMUM            0.061      0.052      0.03       0.60      0.005      0.010       3.00        89       6.
          AVG OR GEOM MN (*)           0.032      0.011      0.02       0.47      0.004      0.010D      2.49        61       2. D
                    MINIMUM            0.013      0.002      0.01       0.26      0.004      0.010       1.30        52       1.

              NO OF SAMPLES               8          7          7          8          7          7          7         8          8



                                         934         95         52         50         76         61         68         25         60        280
SAMP DTE HOUR  STN  STN SAMP  PJ       SAMPLE    ACIDITY    TOT ALK   HARDNESS     CALCUL      TOTAL     COLOUR    PHENOLS               REACTIVE
DY MO YR LMT   DIST BRG DEPTH              NO       MG/L     AT LAB       CACO3   HARDNESS       IRON      HAZEN              FLUORIDE   SILICATE
               FEET       MTRS                                 MG/L       MG/L       MG/L       MG/L      UNITS       UG/L       MG/L    SI MG/L

21 05 75 1125             .3           35331                                                                          1.
04 06 75 1200             .3           35340                                                                          1.
10 06 75 1430             .3           35349
18 06 75 1045             .3           35358                                                                          1. L
26 06 75 1700             .3           35367                                                                          1.
03 07 75 0955             .3           35376                                                                          4.
20 08 75 1105             .3           35385                                                                          3.


                    MAXIMUM                                                                                           4.
          AVG OR GEOM MN (*)                                                                                          1. D
                    MINIMUM                                                                                           1.

              NO OF SAMPLES                                                                                           6
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CONT'D

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 3.D.W./ SITE: RAINY RIVER                                                                                    STATION ID:  19-0001-013-02
 SAMPLE POINT: DOWNSTREAM FROM FORT FRANCES, CENTRE
 STATION TYPE: RIVER                                              MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER                STORET CODE: 05
                                                                  MINOR BASIN: LAKE WINNIPEG EAST RAINY RIVER                            001

STN NO     13       LAT                LONG                        U.T.M. 15 0464350.0 5376600.0 4      REGION 06                MILEAGE  204.00

                                           59          5          6          7         107         67         66        45         47          41
SAMP DTE HOUR  STN  STN SAMP  PJ  SULPHATE      TOTAL      SUSP.      DISS.      DISS.    PTSSIUM     SODIUM     TOT C    ORGANIC         COD
DY MO YR LMT   DIST BRG DEPTH                  SOLIDS     SOLIDS     SOLIDS     SOLIDS          K         NA      AS C     C AS C
               FEET     MTRS          MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L      MG/L       MG/L        MG/L

21 05 75 1125              .3                            5.
04 06 75 1200              .3                            5.
10 06 75 1430              .3                            5.
18 06 75 1045              .3                            5.
26 06 75 1700              .3                            5.
03 07 75 0955              .3                            2.
20 08 75 1105              .3                            5.


                      MAXIMUM                            5.
            AVG OR GEOM MN (*)                           4.
                      MINIMUM                            2.

                NO OF SAMPLES                             7



                                        65         74        200        235        238        249        217       218        219         361
SAMP DTE HOUR  STN  STN SAMP  PJ          MAG   TOT. MAG   MANGNESE      TOTAL      TOTAL      TOTAL      TOTAL    BARIUM   SELENIUM     SOLVENT
DY MO YR LMT   DIST BRG DEPTH          NESIUM     NESIUM         MN    MERCURY     NICKEL       ZINC     COBALT      MG/L       MG/L    EXTRBLES
               FEET     MTRS             MG/L       MG/L       MG/L       UG/L       MG/L       MG/L       MG/L                             MG/L

10 06 75 1430              .3                                        0.060


                      MAXIMUM                                        0.060
            AVG OR GEOM MN (*)                                       0.060
                      MINIMUM                                        0.060

                NO OF SAMPLES                                            1
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SAMPLE INFORMATION SYSTEM　　STATION SUMMARY REPORT - RIVER BASINS　　DATE OF REPORT 28 OCT 77

B.O.W./ SITE: RAINY RIVER
SAMPLE POINT: DOWNSTREAM FROM FORT FRANCES, SOUTH
STATION TYPE: RIVER

STATION ID: 19-0001-014-02

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST RAINY RIVER

STORET CODE: 05 001

STN NO 14　LAT　LONG　U.T.M. 15 0464350.0 5376475.0 4　REGION 06　MILEAGE 204.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
21 05 75 1120			.3		35332	6 9		20000.	56.	8.				1.4
04 06 75 1200			.3		35341	6		17000.	208.	28.			8.0	2.0
10 06 75 1450			.3		35350	6							9.0	1.2
18 06 75 1030			.3		35359	6 9		6200.	248.	1.			9.0	1.6
26 06 75 1700			.3		35368	6							8.0	2.0
03 07 75 0950			.3		35377	5		10000E+1	160.	4.			8.0	1.6
20 08 75 1100			.3		35386	6		20100.	700.	12.			9.0	1.6
23 09 75 1510			.3		35395	6							14.0	
MAXIMUM								10000E+1	700.	28.			14.0	2.0
AVG OR GEOM MN (*)								21150.*	200.*	6.*			9.3	1.6
MINIMUM								6200.	56.	1.			8.0	1.2
NO OF SAMPLES								5	5	5			7	7

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
21 05 75 1120			.3		0.023	0.005	0.03	0.45	0.005	0.010L	2.70	57	2.	
04 06 75 1200			.3		0.031	0.005	0.02	0.44	0.004	0.010L	3.60	62	3.	
10 06 75 1450			.3		0.048	0.010	0.05	0.54	0.004	0.010L	4.20	60	1.	
18 06 75 1030			.3		0.039	0.007	0.02	0.49	0.004	0.010L	4.00	60	1.	
26 06 75 1700			.3		0.033		0.01	0.56	0.004	0.010L	1.30	60	2.	
03 07 75 0950			.3		0.022	0.006	0.02	0.53	0.005	0.010L	2.90	56	1.	
20 08 75 1100			.3		0.026	0.030	0.01	0.43	0.004	0.010L	3.80	74	4.	
23 09 75 1510			.3		0.054			0.42				94	6.	
MAXIMUM					0.054	0.030	0.05	0.56	0.005	0.010	4.20	94	6.	
AVG OR GEOM MN (*)					0.035	0.011	0.02	0.48	0.004	0.010D	3.21	65	2.	
MINIMUM					0.022	0.005	0.01	0.42	0.004	0.010	1.30	56	1.	
NO OF SAMPLES					8	6	7	8	7	7	7	8	8	

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
21 05 75 1120			.3		35332							1. L		
04 06 75 1200			.3		35341							3.		
10 06 75 1450			.3		35350									
18 06 75 1030			.3		35359							3.		
26 06 75 1700			.3		35368							1.		
03 07 75 0950			.3		35377							4.		
20 08 75 1100			.3		35386							8.		
MAXIMUM												8.		
AVG OR GEOM MN (*)												3. D		
MINIMUM												1.		
NO OF SAMPLES												6		

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 B.O.W./ SITE: RAINY RIVER                                                                      STATION ID:  19-0001-014-02
 SAMPLE POINT: DOWNSTREAM FROM FORT FRANCES, SOUTH
 STATION TYPE: RIVER                                    MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER          STORET CODE: 05
                                                        MINOR BASIN: LAKE WINNIPEG EAST RAINY RIVER                     001

STN NO     14       LAT                 LONG                U.T.M. 15 0464350.0 5376475.0 4     REGION 06           MILEAGE  204.00

                                        59         5         6         7       107        67        66        45        47        41
SAMP DTE HOUR  STN  STN SAMP  PJ  SULPHATE     TOTAL     SUSP.     DISS.     DISS.   PTSSIUM    SODIUM     TOT C   ORGANIC       COD
DY MO YR LMT   DIST BRG DEPTH                 SOLIDS    SOLIDS    SOLIDS    SOLIDS         K        NA      AS C    C AS C
               FEET      MTRS         MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

21 05 75 1120              .3                             5.
04 06 75 1200              .3                             5.
10 06 75 1450              .3                            10.
18 06 75 1030              .3                             5.
26 06 75 1700              .3                            15.
03 07 75 0950              .3                             5.
20 08 75 1100              .3                             5.


                      MAXIMUM                            15.
           AVG OR GEOM MN (*)                             7.
                      MINIMUM                             5.

                NO OF SAMPLES                              7



                                        65        74       200       235       238       249       217       218       219       361
SAMP DTE HOUR  STN  STN SAMP  PJ       MAG  TOT. MAG  MANGNESE     TOTAL     TOTAL     TOTAL     TOTAL    BARIUM  SELENIUM   SOLVENT
DY MO YR LMT   DIST BRG DEPTH       NESIUM    NESIUM        MN   MERCURY    NICKEL      ZINC    COBALT      MG/L      MG/L  EXTRBLES
               FEET      MTRS         MG/L      MG/L      MG/L      UG/L      MG/L      MG/L      MG/L                          MG/L

10 06 75 1450              .3                                     0.050L


                      MAXIMUM                                     0.050
           AVG OR GEOM MN (*)                                     0.050D
                      MINIMUM                                     0.050

                NO OF SAMPLES                                         1
```

SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

B.O.W./ SITE: CHUKUNI RIVER
SAMPLE POINT: DOWNSTREAM FROM BALMER CREEK
STATION TYPE: RIVER

STATION ID: 19-0001-015-02

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER
TERM STREAM: ENGLISH RIVER

STORET CODE: 05
001
1890

STN NO 15   LAT   LONG   U.T.M. 15 0449100.0 5652600.0 4   REGION 06   MILEAGE 172.60

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
07 01 75 1000			.3		35600	6						0.0	14.0	1.6
12 02 75 1200			.3		35606	6 4		8.	1.	1.		0.0	14.5	2.2
12 03 75 1220			.3		35612	6 4		1.	1.	1.		0.0	14.2	1.2
04 06 75			.3		35618									1.0
15 07 75 1540			.3		35624	6		8.	1.	1.			11.0	0.4
27 08 75 1000			.3		35630	6							10.0	0.6
MAXIMUM								8.	1.	1.		0.00	14.5	2.2
AVG OR GEOM MN (*)								4.*	1.*	1.*		0.0	12.7	1.2
MINIMUM								1.	1.	1.		0.0	10.0	0.4
NO OF SAMPLES								3	3	3		3	5	6

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
07 01 75 1000			.3		0.024	0.015	0.05	0.76	0.003	0.020	2.00	64	2.	
12 02 75 1200			.3		0.015	0.015	0.03	0.38	0.005	0.020	2.60	60	1.	
12 03 75 1220			.3		0.035	0.011	0.05	0.53	0.006	0.050	0.70	58	1.	
04 06 75			.3		0.039	0.017	0.07	0.52	0.009	0.010L	1.90	61	1.	
15 07 75 1540			.3		0.018	0.009	0.03	0.36	0.005	0.010L	1.10	62	1. L	
27 08 75 1000			.3		0.020	0.013	0.03	0.38	0.004	0.010L	2.10	62	1.	
MAXIMUM					0.039	0.017	0.07	0.76	0.009	0.050	2.60	64	2.	
AVG OR GEOM MN (*)					0.025	0.013	0.04	0.49	0.005	0.0200	1.73	61	1. D	
MINIMUM					0.015	0.009	0.03	0.36	0.003	0.010	0.70	58	1.	
NO OF SAMPLES					6	6	6	6	6	6	6	6	6	

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
07 01 75 1000			.3		35600							1. L		
12 02 75 1200			.3		35606							1.		
12 03 75 1220			.3		35612							1. L		
04 06 75			.3		35618									
15 07 75 1540			.3		35624							4.		
27 08 75 1000			.3		35630							2.		
MAXIMUM												4.		
AVG OR GEOM MN (*)												1. D		
MINIMUM												1.		
NO OF SAMPLES												5		

CONT'D

B.O.W./ SITE: CHUKUNI RIVER
SAMPLE POINT: DOWNSTREAM FROM BALMER CREEK
STATION TYPE: RIVER

STATION ID: 19-0001-015-02

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER
TERM STREAM: ENGLISH RIVER

STORET CODE: 05
001
1890

STN NO 15 LAT LONG U.T.M. 15 0449100.0 5652600.0 4 REGION 06 MILEAGE 172.60

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
07 01 75 1000			.3		5.		1.							
12 02 75 1200			.3				1.							
12 03 75 1220			.3		6.		2.							
04 06 75			.3		5.		5.							
15 07 75 1540			.3		3.		1.							
27 08 75 1000			.3		5.		5.							
MAXIMUM					6.		5.							
AVG OR GEOM MN (*)					4.		2.							
MINIMUM					3.		1.							
NO OF SAMPLES					5		6							

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	203 TOTAL ALUMINUM MG/L	265 TOTAL ARSENIC MG/L	64 CALCIUM MG/L	72 TOTAL CALCIUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	272 SIMPLE CYANIDE MG/L	215 TOTAL CADMIUM MG/L	229 TOTAL LEAD MG/L
07 01 75 1000			.3		35600						0.01	0.01L		0.01 L
12 02 75 1200			.3		35606						0.01 L	0.01L		0.04 L
12 03 75 1220			.3		35612		0.014				0.01 L	0.01L		0.008
04 06 75			.3		35618		0.01 L				0.02	0.01L		0.01 L
15 07 75 1540			.3		35624		0.02				0.03 L	0.01L		0.03
27 08 75 1000			.3		35630		0.03				0.02	0.06		0.01 L
MAXIMUM							0.03				0.03	0.06		0.04
AVG OR GEOM MN (*)							0.019D				0.02 D	0.02D		0.018D
MINIMUM							0.01				0.01	0.01		0.008
NO OF SAMPLES							4				6	6		6

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	65 MAG NESIUM MG/L	74 TOT. MAG NESIUM MG/L	200 MANGNESE MN MG/L	235 TOTAL MERCURY UG/L	238 TOTAL NICKEL MG/L	249 TOTAL ZINC MG/L	217 TOTAL COBALT MG/L	218 BARIUM MG/L	219 SELENIUM MG/L	361 SOLVENT EXTRBLES MG/L
07 01 75 1000			.3				0.02 L							
12 02 75 1200			.3				0.02 L	0.010L						
12 03 75 1220			.3				0.02 L	0.500						
04 06 75			.3				0.01 L	0.070						
15 07 75 1540			.3				0.02 L	0.050L						
27 08 75 1000			.3				0.01 L	0.020						
MAXIMUM							0.02	0.500						
AVG OR GEOM MN (*)							0.02 D	0.130D						
MINIMUM							0.01	0.010						
NO OF SAMPLES							6	5						

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SAMPLE INFORMATION SYSTEM        STATION SUMMARY REPORT - RIVER BASINS                          DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: BALMER CREEK                                                                       STATION ID:  19-0001-016-02
 SAMPLE POINT: AT BALMER LAKE OUTLET
 STATION TYPE: RIVER
                                                        MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER              STORET CODE: 05
                                                        MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER                      001
                                                        TERM STREAM: ENGLISH RIVER                                          1890

STN NO     16       LAT                  LONG            U.T.M. 15 0448800.0 5656300.0 4     REGION 06              MILEAGE  176.20


                                         934        901        444         80         81         84         88        805          3          1
SAMP DTE HOUR  STN  STN SAMP  PJ      SAMPLE        SCD   FLOW CFS      TOTAL      FECAL       M.F.     PSEUD.      WATER      DISS.      5-DAY
DY MO YR LMT   DIST BRG DEPTH             NO                         COLIFORM   COLIFORM     ENTER.        MPA      TEMP.         O2        BOD
               FEET      MTRS                                        MF/100ML   MF/100ML   MF/100ML   MF/100ML      DEG C       MG/L       MG/L

07 01 75 1130              .3          35604   6                                                                      0.0       12.8        1.2
12 02 75 1545              .3          35610   6 4                        36.         1.         1.                   0.0       12.2        2.4
12 03 75 1045              .3          35616   6 4                      2000.       120.        16.                   0.0       11.7        1.6
16 07 75 0845              .3          35628   6                                                                                 7.0        2.6
26 08 75 1700              .3          35634   6                         260.         8.        52.                              9.0        1.2


                      MAXIMUM                                           2000.       120.        52.                  0.00       12.8        2.6
          AVG OR GEOM MN (*)                                            266.*       10.*        9.*                   0.0       10.5        1.8
                      MINIMUM                                             36.         1.         1.                   0.0        7.0        1.2

              NO OF SAMPLES                                                3          3          3                     3          5          5



                                          33         34         19         20         21         22         16         14         56         55
SAMP DTE HOUR  STN  STN SAMP  PJ       TOTAL   FILTERED   FILTERED      TOTAL    NITRITE    NITRATE      TURB.      COND.   CHLORIDE         PH
DY MO YR LMT   DIST BRG DEPTH              P   REACTIVE    AMMONIA   KJELDAHL      NO2-N      NO3-N   FORMAZIN        25C       MG/L     AT LAB
               FEET      MTRS           MG/L     P MG/L       MG/L       MG/L       MG/L       MG/L      UNITS      UMHOS

07 01 75 1130              .3                                 1.10       2.40      0.210      1.100      48.00        700       110.
12 02 75 1545              .3                                 1.00       1.50      0.100      0.800      14.00        396        33.
12 03 75 1045              .3          0.130      0.120       1.40       1.90      0.100      0.130      15.00        630       102.
16 07 75 0845              .3          0.200      0.120       0.38       1.10      0.089      1.600      12.00        300        17.
26 08 75 1700              .3          0.250      0.250       0.28       1.40      0.012      0.800      24.00        290        17.


                      MAXIMUM          0.250      0.250       1.40       2.40      0.210      1.600      48.00        700       110.
          AVG OR GEOM MN (*)           0.193      0.163       0.83       1.66      0.102      0.886      22.60        463        55.
                      MINIMUM          0.130      0.120       0.28       1.10      0.012      0.130      12.00        290        17.

              NO OF SAMPLES                3          3          5          5          5          5          5          5          5



                                         934         95         52         50         76         61         68         25         60        280
SAMP DTE HOUR  STN  STN SAMP  PJ      SAMPLE    ACIDITY    TOT ALK   HARDNESS     CALCUL      TOTAL     COLOUR    PHENOLS              REACTIVE
DY MO YR LMT   DIST BRG DEPTH             NO       MG/L     AT LAB      CACO3   HARDNESS       IRON      HAZEN              FLUORIDE   SILICATE
               FEET      MTRS                                 MG/L       MG/L       MG/L       MG/L      UNITS       UG/L       MG/L    SI MG/L

07 01 75 1130              .3          35604                                                                         1. L
12 02 75 1545              .3          35610                                                                        13.
12 03 75 1045              .3          35616                                                                         3.
16 07 75 0845              .3          35628                                                                         5.
26 08 75 1700              .3          35634                                                                         2.5


                      MAXIMUM                                                                                       13.
          AVG OR GEOM MN (*)                                                                                         4.9D
                      MINIMUM                                                                                        1.

              NO OF SAMPLES                                                                                           5
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CONT'D

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B.O.W./ SITE: BALMER CREEK                                                                      STATION ID:  19-0001-016-02
SAMPLE POINT: AT BALMER LAKE OUTLET
STATION TYPE: RIVER                                     MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER           STORET CODE: 05
                                                        MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER                   001
                                                        TERM STREAM: ENGLISH RIVER                                       1890

STN NO      16       LAT                LONG              U.T.M. 15 0448800.0 5656300.0 4     REGION 06           MILEAGE  176.20

                                           59         5         6         7       107        67        66        45        47        41
SAMP DTE HOUR  STN  STN SAMP  PJ    SULPHATE     TOTAL     SUSP.     DISS.     DISS.   PTSSIUM    SODIUM    TOT C   ORGANIC       COD
DY MO YR LMT   DIST BRG DEPTH                   SOLIDS    SOLIDS    SOLIDS    SOLIDS         K        NA     AS C    C AS C
               FEET      MTRS           MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L     MG/L      MG/L      MG/L

07 01 75 1130             .3             74.                 55.
12 02 75 1545             .3                                 10.
12 03 75 1045             .3             70.      510.       10.       500
16 07 75 0845             .3             54.                  5.
26 08 75 1700             .3             54.                 10.


                      MAXIMUM            74.      510.       55.       500
           AVG OR GEOM MN (*)            63.      510.       18.       500
                      MINIMUM            54.      510.        5.       500

                NO OF SAMPLES              4         1         5         1




                                          934       203       265        64        72       221       225       272       215       229
SAMP DTE HOUR  STN  STN SAMP  PJ       SAMPLE     TOTAL     TOTAL               TOTAL     TOTAL     TOTAL    SIMPLE     TOTAL     TOTAL
DY MO YR LMT   DIST BRG DEPTH              NO  ALUMINUM   ARSENIC   CALCIUM   CALCIUM  CHROMIUM    COPPER   CYANIDE   CADMIUM      LEAD
               FEET      MTRS                      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

07 01 75 1130             .3            35604               0.05                                   0.59      0.01L               0.03
12 02 75 1545             .3            35610                                                      0.27      0.07                0.04
12 03 75 1045             .3            35616               0.610                                  0.01 L    0.09                0.008
16 07 75 0845             .3            35628               0.50                                   0.18      0.07                0.02
26 08 75 1700             .3            35634               1.00                                   0.18      0.03                0.01 L


                      MAXIMUM                               1.00                                   0.59      0.09                0.04
           AVG OR GEOM MN (*)                               0.540                                  0.25 D    0.05D               0.022D
                      MINIMUM                               0.05                                   0.01      0.01                0.008

                NO OF SAMPLES                                  4                                      5         5                   5


                                           65        74       200       235       238       249       217       218       219       361
SAMP DTE HOUR  STN  STN SAMP  PJ          MAG  TOT. MAG  MANGNESE     TOTAL     TOTAL     TOTAL     TOTAL    BARIUM  SELENIUM   SOLVENT
DY MO YR LMT   DIST BRG DEPTH          NESIUM    NESIUM        MN   MERCURY    NICKEL      ZINC    COBALT      MG/L      MG/L  EXTRBLES
               FEET      MTRS            MG/L      MG/L      MG/L      UG/L      MG/L      MG/L      MG/L                          MG/L

07 01 75 1130             .3                                0.18      0.010L
12 02 75 1545             .3                                0.14
12 03 75 1045             .3                                0.15      0.200
16 07 75 0845             .3                                0.12      0.050L
26 08 75 1700             .3                                0.12      0.040


                      MAXIMUM                               0.18      0.200
           AVG OR GEOM MN (*)                               0.14      0.075D
                      MINIMUM                               0.12      0.010

                NO OF SAMPLES                                  5         4
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SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: SNIB LAKE CREEK STATION ID: 19-0001-017-02
SAMPLE POINT: AT SNIB LAKE OUTLET
STATION TYPE: RIVER
MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER STORET CODE: 05
MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER 001
TERM STREAM: ENGLISH RIVER 1890

STN NO 17 LAT LONG U.T.M. 15 0439800.0 5650350.0 4 REGION 06 MILEAGE 185.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
07 01 75 1640			.3		35601	6						0.0	13.6	0.4
12 02 75 1230			.3		35607	6		4.	1.	1.		0.0	13.2	1.6
12 03 75 1220			.3		35613	6		12.	1.	8.		0.0	14.2	1.0
04 06 75			.3		35619									1.8
16 07 75 0955			.3		35625	6		356.	1.	1.				1.4
26 08 75 1500			.3		35631	6							10.0	1.2
MAXIMUM								356.	1.	8.		0.00	14.2	1.8
AVG OR GEOM MN (*)								26.*	1.*	2.*		0.0	12.8	1.2
MINIMUM								4.	1.	1.		0.0	10.0	0.4
NO OF SAMPLES								3	3	3		3	4	6

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
07 01 75 1640			.3		0.074	0.061	0.01 L	0.69	0.032	0.160	0.55	219	28.	
12 02 75 1230			.3		0.033	0.012	0.01 L	0.60	0.006	0.110	0.55	221	28.	
12 03 75 1220			.3		0.040	0.040	0.13	0.60	0.012	0.130	0.90	223	29.	
04 06 75			.3		0.049	0.048	0.48	1.00	0.042	0.150	1.30	240	37.	
16 07 75 0955			.3		0.038	0.045	0.01	0.43	0.017	0.130	1.10	215	29.	
26 08 75 1500			.3		0.073	0.058	0.02	0.58	0.011	0.140	6.30	225	3.	
MAXIMUM					0.074	0.061	0.48	1.00	0.042	0.160	6.30	240	37.	
AVG OR GEOM MN (*)					0.051	0.044	0.11 D	0.65	0.020	0.137	1.78	224	25.	
MINIMUM					0.033	0.012	0.01	0.43	0.006	0.110	0.55	215	3.	
NO OF SAMPLES					6	6	6	6	6	6	6	6	6	

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
07 01 75 1640			.3		35601							1. L		
12 02 75 1230			.3		35607							2.		
12 03 75 1220			.3		35613							2.		
04 06 75			.3		35619									
16 07 75 0955			.3		35625							8.		
26 08 75 1500			.3		35631							3.		
MAXIMUM												8.		
AVG OR GEOM MN (*)												3. D		
MINIMUM												1.		
NO OF SAMPLES												5		

CONT'D

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 B.O.W./ SITE: SNIB LAKE CREEK                                                                  STATION ID:  19-0001-017-02
 SAMPLE POINT: AT SNIB LAKE OUTLET
 STATION TYPE: RIVER                                    MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER                    STORET CODE: 05
                                                        MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER                            001
                                                        TERM STREAM: ENGLISH RIVER                                                1890

STN NO    17      LAT               LONG                U.T.M. 15 0439800.0 5650350.0 4     REGION 06             MILEAGE  185.80

                                       59         5         6         7       107        67        66        45        47        41
SAMP DTE HOUR  STN  STN SAMP  PJ  SULPHATE     TOTAL     SUSP.     DISS.     DISS.   PTSSIUM    SODIUM     TOT C   ORGANIC       COD
DY MO YR LMT   DIST BRG DEPTH                 SOLIDS    SOLIDS    SOLIDS    SOLIDS         K        NA      AS C    C AS C
               FEET       MTRS        MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

07 01 75 1640               .3        30.
12 02 75 1230               .3
12 03 75 1220               .3
04 06 75                    .3        31.
16 07 75 0955               .3        29.
26 08 75 1500               .3        30.


                       MAXIMUM        31.
            AVG OR GEOM MN (*)        30.
                       MINIMUM        29.

                 NO OF SAMPLES          4


                                      934       203       265        64        72       221       225       272       215       229
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE     TOTAL     TOTAL               TOTAL     TOTAL     TOTAL    SIMPLE     TOTAL     TOTAL
DY MO YR LMT   DIST BRG DEPTH           NO  ALUMINUM   ARSENIC   CALCIUM   CALCIUM  CHROMIUM    COPPER   CYANIDE   CADMIUM      LEAD
               FEET       MTRS                  MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

07 01 75 1640               .3     35601               0.10                                    0.07      0.01L              0.01 L
12 02 75 1230               .3     35607                                                       0.04      0.01L              0.04 L
12 03 75 1220               .3     35613               0.120                                   0.04 L    0.01L              0.004L
04 06 75                    .3     35619               0.09                                    0.15      0.01L              0.01 L
16 07 75 0955               .3     35625               0.10                                    0.07      0.01L              0.01 L
26 08 75 1500               .3     35631               0.20                                    0.06      0.01L              0.01 L


                       MAXIMUM                         0.20                                    0.15      0.01               0.04
            AVG OR GEOM MN (*)                         0.122                                   0.07 D    0.01D              0.014D
                       MINIMUM                         0.09                                    0.04      0.01               0.004

                 NO OF SAMPLES                             5                                       6        6                   6


                                       65        74       200       235       238       249       217       218       219       361
SAMP DTE HOUR  STN  STN SAMP  PJ       MAG  TOT. MAG  MANGNESE     TOTAL     TOTAL     TOTAL     TOTAL    BARIUM  SELENIUM   SOLVENT
DY MO YR LMT   DIST BRG DEPTH       NESIUM    NESIUM        MN   MERCURY    NICKEL      ZINC    COBALT      MG/L      MG/L  EXTRBLES
               FEET       MTRS        MG/L      MG/L      MG/L      UG/L      MG/L      MG/L      MG/L                          MG/L

07 01 75 1640               .3                         0.04 L    0.010L
12 02 75 1230               .3                         0.03
12 03 75 1220               .3                         0.05      0.400
04 06 75                    .3                         0.06      0.010
16 07 75 0955               .3                         0.04      0.050L
26 08 75 1500               .3                         0.04      0.020L


                       MAXIMUM                         0.06      0.400
            AVG OR GEOM MN (*)                         0.04 D    0.098D
                       MINIMUM                         0.03      0.010

                 NO OF SAMPLES                             6         5
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SAMPLE INFORMATION SYSTEM        STATION SUMMARY REPORT - RIVER BASINS                          DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: RED LAKE                                                                  STATION ID:   19-0001-018-01
 SAMPLE POINT: IN BRUCE       CHANNEL AT FERRY CROSSING
 STATION TYPE: RIVER                                  MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER              STORET CODE: 05
                                                      MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER                      001
                                                      TERM STREAM: ENGLISH RIVER                                          1890

STN NO     18       LAT                LONG           U.T.M. 15 0442500.0 5658075.0 4      REGION 06           MILEAGE  179.60

                                       934       901      444        80         81        84        88        805         3          1
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE        SCD  FLOW CFS     TOTAL      FECAL      M.F.    PSEUD.     WATER      DISS.      5-DAY
DY MO YR LMT   DIST BRG DEPTH           NO                       COLIFORM   COLIFORM    ENTER.       MPA     TEMP.        O2        BOD
               FEET        MTRS                                  MF/100ML   MF/100ML  MF/100ML  MF/100ML    DEG C       MG/L       MG/L

07 01 75 1730               .3       35602    6 4                                                           0.0       13.2        0.8
12 02 75 1610               .3       35608    6                      4.         1.        1.                0.0       14.1        2.2
12 03 75 1000               .3       35614    6                      1.         1.        1.                0.0       12.2        1.2
04 06 75                    .3       35620                                                                                        1.0
15 07 75 1455               .3       35626    6                     12.         1.        1.                          11.0        0.6
27 08 75 0920               .3       35632    6                                                                        9.0        0.8


                   MAXIMUM                                          12.         1.        1.                0.00      14.1        2.2
          AVG OR GEOM MN (*)                                         4.*        1.*       1.*               0.0       11.9        1.1
                   MINIMUM                                           1.         1.        1.                0.0        9.0        0.6

              NO OF SAMPLES                                           3          3         3                  3          5          6


                                     33        34        19        20        21        22        16         14        56           55
SAMP DTE HOUR  STN  STN SAMP  PJ    TOTAL  FILTERED  FILTERED     TOTAL   NITRITE   NITRATE     TURB.     COND.  CHLORIDE           PH
DY MO YR LMT   DIST BRG DEPTH           P  REACTIVE  AMMONIA   KJELDAHL     NO2-N     NO3-N  FORMAZIN       25C      MG/L       AT LAB
               FEET        MTRS      MG/L    P MG/L      MG/L      MG/L      MG/L      MG/L     UNITS     UMHOS

07 01 75 1730               .3      0.027     0.012      0.02      0.60     0.004     0.020      0.70        66    1.
12 02 75 1610               .3      0.016     0.016      0.03      0.58     0.005    0.010L      1.00        60    1. L
12 03 75 1000               .3                           0.05      0.42     0.010     0.010      0.60        54    1. L
04 06 75                    .3      0.013     0.008      0.06      0.35     0.004    0.010L      0.75        54    1.
15 07 75 1455               .3      0.008     0.007      0.04      0.21     0.006    0.010L      0.70        56
27 08 75 0920               .3      0.012     0.006      0.04      0.39     0.004    0.010L      1.30        58    1.


                   MAXIMUM          0.027     0.016      0.06      0.60     0.010     0.020      1.30        66    1.
          AVG OR GEOM MN (*)        0.015     0.010      0.04      0.43     0.006    0.012D      0.84        58    1. D
                   MINIMUM          0.008     0.006      0.02      0.21     0.004     0.010      0.60        54    1.

              NO OF SAMPLES             5         5         6         6         6         6         6         6     5


                                     934       95        52        50        76        61        68        25        60         290
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE  ACIDITY   TOT ALK  HARDNESS    CALCUL     TOTAL    COLOUR   PHENOLS              REACTIVE
DY MO YR LMT   DIST BRG DEPTH           NO     MG/L    AT LAB     CACO3  HARDNESS      IRON     HAZEN             FLUORIDE   SILICATE
               FEET        MTRS                          MG/L      MG/L      MG/L      MG/L     UNITS      UG/L       MG/L   SI MG/L

07 01 75 1730               .3       35602                                                              1. L
12 02 75 1610               .3       35608                                                              3.
12 03 75 1000               .3       35614                                                              1.
04 06 75                    .3       35620
15 07 75 1455               .3       35626                                                              4.
27 08 75 0920               .3       35632                                                              1.


                   MAXIMUM                                                                              4.
          AVG OR GEOM MN (*)                                                                            2. D
                   MINIMUM                                                                              1.

              NO OF SAMPLES                                                                              5
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CONT'D

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B.O.W./ SITE: RED LAKE                                                                       STATION ID:  19-0001-018-01
SAMPLE POINT: IN BRUCE     CHANNEL AT FERRY CROSSING
STATION TYPE: RIVER                                    MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER              STORET CODE: 05
                                                       MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER                      001
                                                       TERM STREAM: ENGLISH RIVER                                          1890

STN NC     18      LAT                 LONG            U.T.M. 15 0442500.0 5658075.0 4     REGION 06            MILEAGE  179.60

                                          59         5         6         7       107        67        66        45        47        41
SAMP DTE HOUR  STN  STN SAMP  PJ    SULPHATE     TOTAL     SUSP.     DISS.     DISS.   PTSSIUM    SODIUM     TOT C   ORGANIC       COD
DY MO YR LMT   DIST BRG DEPTH                   SOLIDS    SOLIDS    SOLIDS    SOLIDS         K        NA      AS C    C AS C
               FEET      MTRS                 MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

07 01 75 1730              .3             4.
12 02 75 1610              .3
12 03 75 1000              .3
04 06 75                   .3             4.
15 07 75 1455              .3             5.
27 08 75 0920              .3             7.


                      MAXIMUM             7.
           AVG OR GEOM MN (*)             5.
                      MINIMUM             4.

                NO OF SAMPLES              4


                                         934       203       265        64        72       221       225       272       215       229
SAMP DTE HOUR  STN  STN SAMP  PJ      SAMPLE     TOTAL     TOTAL               TOTAL     TOTAL     TOTAL    SIMPLE     TOTAL     TOTAL
DY MO YR LMT   DIST BRG DEPTH             NO  ALUMINUM   ARSENIC   CALCIUM   CALCIUM  CHROMIUM    COPPER   CYANIDE   CADMIUM      LEAD
               FEET      MTRS                     MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

07 01 75 1730              .3          35602                0.01                                    0.02      0.01L               0.01
12 02 75 1610              .3          35608                                                        0.01 L    0.01L               0.04 L
12 03 75 1000              .3          35614                0.009                                   0.01 L    0.01L               0.018
04 06 75                   .3          35620                0.01 L                                  0.01 L    0.01L               0.01 L
15 07 75 1455              .3          35626                0.02                                    0.03 L    0.01L               0.01 L
27 08 75 0920              .3          35632                0.01                                    0.02      0.03                0.02


                      MAXIMUM                               0.02                                    0.03      0.03                0.04
           AVG OR GEOM MN (*)                               0.012D                                  0.02 D    0.01D               0.018D
                      MINIMUM                               0.009                                   0.01      0.01                0.01

                NO OF SAMPLES                                  5                                       6         6                   6


                                          65        74       200       235       238       249       217       218       219       361
SAMP DTE HOUR  STN  STN SAMP  PJ         MAG  TOT. MAG  MANGNESE     TOTAL     TOTAL     TOTAL     TOTAL    BARIUM  SELENIUM   SOLVENT
DY MO YR LMT   DIST BRG DEPTH         NESIUM    NESIUM        MN   MERCURY    NICKEL      ZINC    COBALT      MG/L      MG/L  EXTRBLES
               FEET      MTRS           MG/L      MG/L      MG/L      UG/L      MG/L      MG/L      MG/L                          MG/L

07 01 75 1730              .3                               0.04 L    0.010L
12 02 75 1610              .3                               0.02 L
12 03 75 1000              .3                               0.02 L    0.100L
04 06 75                   .3                               0.01 L    0.010
15 07 75 1455              .3                               0.02 L    0.050L
27 08 75 0920              .3                               0.01 L    0.020L


                      MAXIMUM                               0.04      0.100
           AVG OR GEOM MN (*)                               0.02 D    0.038D
                      MINIMUM                               0.01      0.010

                NO OF SAMPLES                                  6         5
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SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS

DATE OF REPORT 28 OCT 77

B.O.W./ SITE: BALMER CREEK
SAMPLE POINT: 500 FEET UPSTREAM OF CHUKUNI RIVER
STATION TYPE: RIVER

STATION ID: 19-0001-032-02

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER
TERM STREAM: ENGLISH RIVER

STORET CODE: 05
001
1890

STN NO 32 LAT LONG U.T.M. 15 0448400.0 5653200.0 4 REGION 06 MILEAGE 173.20

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
07 01 75 0940			.3		35605	6 4						0.0	14.0	1.0
12 02 75 1220			.3		35611	6 4		1.	1.	1.		0.0	13.6	2.6
12 03 75 1200			.3		35617	6 4		144.	12.	1.		0.0	14.2	1.0
15 07 75 1600			.3		35629	6 7		72.	1.	1.			7.0	1.2
27 08 75 1030			.3		35635	6 7		316.	36.	144.			9.0	1.8
MAXIMUM								316.	36.	144.		0.00	14.2	2.6
AVG OR GEOM MN (*)								43.*	5.*	3.*		0.0	11.6	1.5
MINIMUM								1.	1.	1.		0.0	7.0	1.0
NO OF SAMPLES								4	4	4		3	5	5

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
07 01 75 0940			.3		0.034	0.014	0.03	0.52	0.005	0.030	1.00	68	2.	
12 02 75 1220			.3				1.10	1.40	0.047	1.100	1.70	650	56.	
12 03 75 1200			.3		0.046	0.020	0.14	0.62	0.010	0.010	1.20	90	4.	
15 07 75 1600			.3				0.07	0.53	0.020	1.000	4.30	335	29.	
27 08 75 1030			.3		0.300	0.240	0.14	1.00	0.036	0.640	14.00	300	18.	
MAXIMUM					0.300	0.240	1.10	1.40	0.047	1.100	14.00	650	56.	
AVG OR GEOM MN (*)					0.127	0.091	0.30	0.81	0.024	0.556	4.44	289	21.	
MINIMUM					0.034	0.014	0.03	0.52	0.005	0.010	1.00	68	2.	
NO OF SAMPLES					3	3	5	5	5	5	5	5	5	

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
07 01 75 0940			.3		35605							1. L		
12 02 75 1220			.3		35611							3.		
12 03 75 1200			.3		35617							1. L		
15 07 75 1600			.3		35629							5.		
27 08 75 1030			.3		35635							1.5		
MAXIMUM												5.		
AVG OR GEOM MN (*)												2.30		
MINIMUM												1.		
NO OF SAMPLES												5		

CONT'D

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 B.O.W./ SITE: BALMER CREEK                                                                      STATION ID:  19-0001-032-02
 SAMPLE POINT: 500 FEET UPSTREAM OF CHUKUNI RIVER
 STATION TYPE: RIVER                                    MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER                STORET CODE: 05
                                                        MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER                        001
                                                        TERM STREAM: ENGLISH RIVER                                            1890

STN NO    32      LAT               LONG                 U.T.M. 15 0448400.0 5653200.0 4      REGION 06             MILEAGE  173.20

                                       59         5         6         7       107        67        66        45        47        41
SAMP DTE HOUR  STN  STN SAMP  PJ  SULPHATE     TOTAL     SUSP.     DISS.     DISS.   PTSSIUM    SODIUM     TOT C   ORGANIC       COD
DY MO YR LMT   DIST BRG DEPTH                 SOLIDS    SOLIDS    SOLIDS    SOLIDS         K        NA      AS C    C AS C
               FEET      MTRS         MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

07 01 75 0940              .3           7.                  1.
12 02 75 1220              .3                   510.        1.        509
12 03 75 1200              .3           9.                  2.
15 07 75 1600              .3          48.                  1.
27 08 75 1030              .3          54.                 10.


                      MAXIMUM          54.      510.       10.        509
           AVG OR GEOM MN (*)          29.      510.        3.        509
                      MINIMUM           7.      510.        1.        509

                NO OF SAMPLES            4         1         5         1


                                      934       203       265        64        72       221       225       272       215       229
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE     TOTAL     TOTAL               TOTAL     TOTAL     TOTAL    SIMPLE     TOTAL     TOTAL
DY MO YR LMT   DIST BRG DEPTH           NO  ALUMINUM   ARSENIC   CALCIUM   CALCIUM  CHROMIUM    COPPER   CYANIDE   CADMIUM      LEAD
               FEET      MTRS                   MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

07 01 75 0940              .3        35605                0.03                                      0.02       0.01L              0.01
12 02 75 1220              .3        35611                                                          0.12       0.01               0.04 L
12 03 75 1200              .3        35617                0.049                                     0.01 L     0.01L              0.007
15 07 75 1600              .3        35629                0.40                                      0.08       0.03               0.08
27 08 75 1030              .3        35635                1.00                                      0.14       0.01L              0.02


                      MAXIMUM                             1.00                                      0.14       0.03               0.08
           AVG OR GEOM MN (*)                             0.370                                     0.07 D     0.01D              0.031D
                      MINIMUM                             0.03                                      0.01       0.01               0.007

                NO OF SAMPLES                                4                                         5         5                   5


                                       65        74       200       235       238       249       217       218       219       361
SAMP DTE HOUR  STN  STN SAMP  PJ       MAG  TOT. MAG  MANGNESE     TOTAL     TOTAL     TOTAL     TOTAL    BARIUM  SELENIUM   SOLVENT
DY MO YR LMT   DIST BRG DEPTH       NESIUM    NESIUM        MN   MERCURY    NICKEL      ZINC    COBALT      MG/L      MG/L  EXTRBLES
               FEET      MTRS         MG/L      MG/L      MG/L      UG/L      MG/L      MG/L      MG/L                          MG/L

07 01 75 0940              .3                         0.02 L    0.010L
12 02 75 1220              .3                         0.24      0.010L
12 03 75 1200              .3                         0.03      0.100L
15 07 75 1600              .3                         0.10      0.050L
27 08 75 1030              .3                         0.13      0.040


                      MAXIMUM                         0.24      0.100
           AVG OR GEOM MN (*)                         0.10 D    0.042D
                      MINIMUM                         0.02      0.010

                NO OF SAMPLES                            5         5
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SAMPLE INFORMATION SYSTEM          STATION SUMMARY REPORT - RIVER BASINS                              DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: HOWEY BAY                                                                               STATION ID:  19-0001-033-01
 SAMPLE POINT: 500 FEET FROM SHORE, RED LAKE
 STATION TYPE: LAKE
                                                         MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER               STORET CODE: 05
                                                         MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER                       001
                                                         TERM STREAM: ENGLISH RIVER                                           1890

STN NO     33       LAT                LONG              U.T.M. 15 0442675.0 5652425.0 4      REGION 06             MILEAGE  177.50

                                         934      901      444        80        81        84        88        805        3          1
SAMP DTE HOUR  STN  STN SAMP  PJ       SAMPLE      SCD  FLOW CFS    TOTAL     FECAL      M.F.     PSEUD.     WATER     DISS.     5-DAY
DY MO YR LMT   DIST BRG DEPTH             NO                      COLIFORM  COLIFORM    ENTER.       MPA     TEMP.       O2        BOD
               FEET       MTRS                                    MF/100ML  MF/100ML  MF/100ML  MF/100ML    DEG C      MG/L      MG/L

07 01 75 1615              .3           35603    6 4                                                        0.0       13.7       1.4
12 02 75 1145              .3           35609    6 4                 4.        1.        1.                 0.0       16.2       2.6
12 03 75 1430              .3           35615    6                   4.        1.        1.                 0.0       14.5       1.4
04 06 75                   .3           35621                                                                                    1.0
15 07 75 1515              .3           35627    6                  24.        1.        1.                           11.0       0.4
27 08 75 0940              .3           35633    6                                                                    10.0       1.0


                  MAXIMUM                                           24.        1.        1.                 0.00      16.2       2.6
         AVG OR GEOM MN (*)                                          7.*       1.*       1.*                0.0       13.1       1.3
                  MINIMUM                                            4.        1.        1.                 0.0       10.0       0.4

              NO OF SAMPLES                                           3         3         3                   3          5         6


                                          33       34        19        20        21        22        16        14        56         55
SAMP DTE HOUR  STN  STN SAMP  PJ        TOTAL  FILTERED  FILTERED    TOTAL    NITRITE   NITRATE    TURB.      COND.  CHLORIDE        PH
DY MO YR LMT   DIST BRG DEPTH               P  REACTIVE  AMMONIA  KJELDAHL    NO2-N     NO3-N   FORMAZIN      25C      MG/L     AT LAB
               FEET       MTRS           MG/L    P MG/L     MG/L      MG/L      MG/L      MG/L     UNITS     UMHOS
07 01 75 1615              .3           0.026     0.013     0.04      0.64     0.003     0.020      0.75        71       2.
12 02 75 1145              .3           0.019     0.016     0.03      0.97     0.004     0.010      0.60        58       1.
12 03 75 1430              .3           0.022     0.020     0.04      0.44     0.008     0.020      0.50        63       1. L
04 06 75                   .3           0.018     0.007     0.05      0.37     0.003     0.010L     0.80        53       1.
15 07 75 1515              .3           0.011     0.005     0.04      0.28     0.005     0.010L     0.90        56
27 08 75 0940              .3           0.010     0.010     0.03      0.36     0.004     0.010L     1.40        60       1.


                  MAXIMUM               0.026     0.020     0.05      0.97     0.008     0.020      1.40        71       2.
         AVG OR GEOM MN (*)             0.018     0.012     0.04      0.51     0.005     0.013D     0.83        60       1. D
                  MINIMUM               0.010     0.005     0.03      0.28     0.003     0.010      0.50        53       1.

              NO OF SAMPLES                 6         6        6         6         6         6         6         6        5


                                         934       95        52        50        76        61        68        25        60        280
SAMP DTE HOUR  STN  STN SAMP  PJ       SAMPLE   ACIDITY  TOT ALK  HARDNESS    CALCUL     TOTAL    COLOUR   PHENOLS               REACTIVE
DY MO YR LMT   DIST BRG DEPTH             NO      MG/L    AT LAB     CACO3  HARDNESS      IRON     HAZEN                FLUORIDE  SILICATE
               FEET       MTRS                              MG/L      MG/L      MG/L      MG/L     UNITS      UG/L       MG/L   SI MG/L

07 01 75 1615              .3           35603
12 02 75 1145              .3           35609                                                                1.
12 03 75 1430              .3           35615                                                                2.
04 06 75                   .3           35621                                                                2.
15 07 75 1515              .3           35627
27 08 75 0940              .3           35633                                                                6.
                                                                                                             1.

                  MAXIMUM
         AVG OR GEOM MN (*)                                                                                  6.
                  MINIMUM                                                                                    2.
                                                                                                             1.
              NO OF SAMPLES
                                                                                                              5
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CONT'D

B.O.W./ SITE: HOWEY BAY
SAMPLE POINT: 500 FEET FROM SHORE, RED LAKE
STATION TYPE: LAKE

STATION ID: 19-0001-033-01

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST WINNIPEG RIVER
TERM STREAM: ENGLISH RIVER

STORET CODE: 05
001
1890

STN NO 33 LAT LONG U.T.M. 15 0442675.0 5652425.0 4 REGION 06 MILEAGE 177.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
07 01 75 1615			.3		4.									
12 02 75 1145			.3											
12 03 75 1430			.3											
04 06 75			.3		2.									
15 07 75 1515			.3		5.									
27 08 75 0940			.3		6.									
MAXIMUM					6.									
AVG OR GEOM MN (*)					4.									
MINIMUM					2.									
NO OF SAMPLES					4									

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	203 TOTAL ALUMINUM MG/L	265 TOTAL ARSENIC MG/L	64 CALCIUM MG/L	72 TOTAL CALCIUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	272 SIMPLE CYANIDE MG/L	215 TOTAL CADMIUM MG/L	229 TOTAL LEAD MG/L
07 01 75 1615			.3		35603						0.01	0.01L		0.01 L
12 02 75 1145			.3		35609						0.01 L	0.01L		0.04 L
12 03 75 1430			.3		35615		0.017				0.02 L	0.01L		0.006
04 06 75			.3		35621		0.03				0.05	0.01L		0.01 L
15 07 75 1515			.3		35627		0.02				0.03 L	0.01L		0.01 L
27 08 75 0940			.3		35633		0.02				0.01 L	0.02		0.01 L
MAXIMUM							0.03				0.05	0.02		0.04
AVG OR GEOM MN (*)							0.022				0.02 D	0.01D		0.014D
MINIMUM							0.017				0.01	0.01		0.006
NO OF SAMPLES							4				6	6		6

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	65 MAG NESIUM MG/L	74 TOT. MAG NESIUM MG/L	200 MANGNESE MN MG/L	235 TOTAL MERCURY UG/L	238 TOTAL NICKEL MG/L	249 TOTAL ZINC MG/L	217 TOTAL COBALT MG/L	218 BARIUM MG/L	219 SELENIUM MG/L	361 SOLVENT EXTRBLES MG/L
07 01 75 1615			.3					0.010L						
12 02 75 1145			.3				0.02 L							
12 03 75 1430			.3				0.02 L	0.100L						
04 06 75			.3				0.01	0.070						
15 07 75 1515			.3				0.02 L	0.050L						
27 08 75 0940			.3				0.01 L	0.020L						
MAXIMUM							0.02	0.100						
AVG OR GEOM MN (*)							0.02 D	0.050D						
MINIMUM							0.01	0.010						
NO OF SAMPLES							5	5						

SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

B.O.W./ SITE: RAINY LAKE
SAMPLE POINT: HIGHWAY 11 NODEN CAUSEWAY
STATION TYPE: RAINY LAKE

STATION ID: 19-0001-034-01

MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER
MINOR BASIN: LAKE WINNIPEG EAST RAINY RIVER
TERM STREAM: RAINY RIVER

STORET CODE: 05
001
4610

STN NO 34   LAT   LONG   U.T.M. 15 0477650.0 5388700.0 4   REGION 06   MILEAGE 217.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
06 01 75 1540			.3		35300	6 4		1.	1.	1.		0.0	14.2	1.2
10 02 75 1530			.3		35307			1.	1.	1.		0.0	16.6	8.0
10 03 75 1340			.3		35314	4		1.	1.	1.		0.0	12.2	2.0
21 05 75 1345			.3		35328	6		12.	1.	1.				1.4
04 06 75 1330			.3		35337	6		204.	1.	1.			8.0	1.0
10 06 75 1600			.3		35346	6							9.0	1.4
18 06 75 0930			.3		35355	6		19000.	1.	4.			9.0	1.2
26 06 75 1815			.3		35364	6							8.0	1.6
03 07 75 0830			.3		35373	5		1100.	40.	16.			9.0	1.2
20 08 75 0930			.3		35382	6		160.	1.	12.			11.0	2.0
23 09 75 1400			.3		35391	6							14.0	
18 11 75 0930			.3		35400	6 6		4.	1.	1.			14.0	1.6
MAXIMUM								19000.	40.	16.		0.00	16.6	8.0
AVG OR GEOM MN (*)								32.*	2.*	2.*		0.0	11.4	2.1
MINIMUM								1.	1.	1.		0.0	8.0	1.0
NO OF SAMPLES								9	9	9		3	11	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
06 01 75 1540			.3		0.020	0.005	0.05	0.47	0.002	0.010L	0.65	71	1. L	
10 02 75 1530			.3		0.022	0.010	0.04	1.40	0.002	0.010	0.60	87	3.	
10 03 75 1340			.3				0.38	0.50	0.005	0.010L	0.50	74	1. L	6.6
21 05 75 1345			.3		0.021	0.004	0.03	0.40	0.002	0.010L	3.30	63	1. L	
04 06 75 1330			.3		0.020	0.003	0.03	0.46	0.003	0.010L	1.30	58	1. L	
10 06 75 1600			.3		0.018	0.003	0.11	0.39	0.004	0.010L	1.30	54	1. L	
18 06 75 0930			.3		0.029	0.011	0.04	0.47	0.003	0.010L	1.60	62	1. L	
26 06 75 1815			.3		0.014	0.002	0.02	0.44	0.005	0.010	1.70	61	1.	
03 07 75 0830			.3		0.011	0.005	0.02	0.43	0.004	0.010L	2.40	63	1. L	
20 08 75 0930			.3		0.015	0.003	0.01	0.40	0.003	0.010L	2.50	60	1.	
23 09 75 1400			.3		0.033			0.58				97	4.	
18 11 75 0930			.3		0.021	0.005	0.01	0.42	0.005	0.010L	1.30	62	1. L	
MAXIMUM					0.033	0.011	0.38	1.40	0.005	0.010	3.30	97	4.	6.6
AVG OR GEOM MN (*)					0.020	0.005	0.07	0.53	0.003	0.010D	1.56	68	1. D	6.6
MINIMUM					0.011	0.002	0.01	0.39	0.002	0.010	0.50	54	1.	6.6
NO OF SAMPLES					11	10	11	12	11	11	11	12	12	1

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
06 01 75 1540			.3		35300							1. L		
10 02 75 1530			.3		35307							2.		
10 03 75 1340			.3		35314	2.	33	32		0.05	5	2.		
21 05 75 1345			.3		35328							1. L		
04 06 75 1330			.3		35337							1. L		
10 06 75 1600			.3		35346									
18 06 75 0930			.3		35355							1.		
26 06 75 1815			.3		35364							3.		
03 07 75 0830			.3		35373							2.		
20 08 75 0930			.3		35382							2.		
13 11 75 0930			.3		35400							1.		
MAXIMUM						2.	33	32		0.05	5	3.		
AVG OR GEOM MN (*)						2.	33	32		0.05	5	1. D		
MINIMUM						2.	33	32		0.05	5	1.		
NO OF SAMPLES						1	1	1		1	1	10		

CONT'D

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 B.O.W./ SITE: RAINY LAKE                                                                             STATION ID:  19-0001-034-01
 SAMPLE POINT: HIGHWAY 11 NODEN CAUSEWAY
 STATION TYPE: RAINY LAKE                                   MAJOR BASIN: ARCTIC DRAINAGE NELSON RIVER          STORET CODE: 05
                                                            MINOR BASIN: LAKE WINNIPEG EAST RAINY RIVER                     001
                                                            TERM STREAM: RAINY RIVER                                        4610

STN NO     34       LAT                 LONG                 U.T.M. 15 0477650.0 5388700.0 4     REGION 06           MILEAGE  217.80

                                          59         5         6         7       107        67        66        45        47        41
SAMP DTE HOUR  STN  STN SAMP  PJ  SULPHATE     TOTAL     SUSP.     DISS.     DISS.   PTSSIUM    SODIUM     TOT C   ORGANIC       COD
DY MO YR LMT   DIST BRG DEPTH                 SOLIDS    SOLIDS    SOLIDS    SOLIDS         K        NA      AS C    C AS C
               FEET        MTRS       MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

06 01 75 1540                .3                          1.
10 02 75 1530                .3                          1.
10 03 75 1340                .3         5.               1.                                     1.50                            15
21 05 75 1345                .3                          2.
04 06 75 1330                .3                          2.
10 06 75 1600                .3                          2.
18 06 75 0930                .3                          2.
26 06 75 1815                .3                          2.
03 07 75 0830                .3                          5.
20 08 75 0930                .3                          3.
18 11 75 0930                .3                         10.


                        MAXIMUM         5.              10.                                     1.50                            15
             AVG OR GEOM MN (*)         5.               2.                                     1.50                            15
                        MINIMUM         5.               1.                                     1.50                            15

                 NO OF SAMPLES           1               11                                       1                              1



                                         934       203       265        64        72       221       225       272       215       229
SAMP DTE HOUR  STN  STN SAMP  PJ    SAMPLE     TOTAL     TOTAL               TOTAL     TOTAL     TOTAL    SIMPLE     TOTAL     TOTAL
DY MO YR LMT   DIST BRG DEPTH           NO  ALUMINUM   ARSENIC   CALCIUM   CALCIUM  CHROMIUM    COPPER   CYANIDE   CADMIUM      LEAD
               FEET        MTRS                 MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L      MG/L

06 01 75 1540                .3     35300
10 02 75 1530                .3     35307
10 03 75 1340                .3     35314                         10.0                          0.01 L
10 06 75 1600                .3     35346
18 06 75 0930                .3     35355


                        MAXIMUM                                   10.0                          0.01
             AVG OR GEOM MN (*)                                   10.0                          0.01 D
                        MINIMUM                                   10.0                          0.01

                  NO OF SAMPLES                                      1                             1


                                          65        74       200       235       238       249       217       218       219       361
SAMP DTE HOUR  STN  STN SAMP  PJ       MAG  TOT. MAG  MANGNESE     TOTAL     TOTAL     TOTAL     TOTAL    BARIUM  SELENIUM   SOLVENT
DY MO YR LMT   DIST BRG DEPTH       NESIUM    NESIUM        MN   MERCURY    NICKEL      ZINC    COBALT      MG/L      MG/L  EXTRBLES
               FEET        MTRS       MG/L      MG/L      MG/L      UG/L      MG/L      MG/L      MG/L                          MG/L

06 01 75 1540                .3                                 0.100L
10 02 75 1530                .3                                 0.100L
10 03 75 1340                .3        2.0                      0.100L    0.01 L    0.020
10 06 75 1600                .3                                 0.050
18 06 75 0930                .3                                 0.050L


                        MAXIMUM        2.0                      0.100     0.01      0.020
             AVG OR GEOM MN (*)        2.0                      0.080D    0.01 D    0.020
                        MINIMUM        2.0                      0.050     0.01      0.020

                  NO OF SAMPLES          1                          5        1         1
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SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: MATTAGAMI RIVER
SAMPLE POINT: DOWNSTREAM FROM TIMMINS STP.
STATION TYPE: RIVER

STATION ID: 19-0064-001-02

MAJOR BASIN: ARCTIC DRAINAGE ONTARIO
MINOR BASIN: JAMES BAY SHORE
TERM STREAM: MOOSE RIVER

STORET CODE: 04
001
0230

STN NO 1 LAT LONG U.T.M. 17 0473350.0 5371250.0 4 REGION 05 MILEAGE 264.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
26 01 75 1245			.3		30515	4	2080.	175.	2.			0.0	2.0	1.8
16 02 75 1130			.3		30532	4	2680.	40.	6.			0.0	7.0	1.2
23 03 75 1330			.3		30549	4	2420.	600.	100.			0.0	13.0	1.8
27 04 75 1120			.3		30566	3 9	2760.	165.	8.			3.0	10.0	1.3
25 05 75 1100			.3		30583	9	3280.	6000.	1200.			20.0	9.0	0.8
22 06 75 1025			.3		30600	9	4350.	1400.	30.			22.0	7.0	1.8
27 07 75 1220			.3		30617	7	763.	59000.	3000.			21.0	7.0	1.0
31 08 75 1045			.3		30634	7	606.					19.0	10.0	2.8
28 09 75 1100			.3		30651	9	724.	6000.	200.			11.0	9.0	1.4
26 10 75 1045			.3		30668	9	996.	375.	32.			8.0	10.0	2.6
30 11 75 1305			.3		30685	4	1400.	2200.	60.			0.0	9.0	2.0
28 12 75 1120			.3		30702	4			245.	8.		0.0	10.0	1.4
MAXIMUM							4350.	59000.	3000.	8.		22.0	13.0	2.8
AVG OR GEOM MN (*)							2005.	1055.*	66.*	8.*		8.7	8.6	1.7
MINIMUM							606.	40.	2.	8.		0.0	2.0	0.8
NO OF SAMPLES							11	10	11	1		12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
26 01 75 1245			.3		0.028	0.018	0.07	0.37	0.003	0.080	1.10	114	1.	
16 02 75 1130			.3		0.022	0.012	0.04	0.49	0.004	0.080	1.90	112	1.	
23 03 75 1330			.3		0.033	0.016	0.05	0.48	0.002	0.100	3.90	109	1.	
27 04 75 1120			.3		0.022	0.004	0.03	0.39	0.005	0.150	2.40	105	2.	
25 05 75 1100			.3		0.018	0.004	0.04	0.42	0.005	0.030	1.80	88	1.	
22 06 75 1025			.3		0.022	0.002	0.02	0.54	0.003	0.020	2.00	100	4.	
27 07 75 1220			.3		0.045	0.017	0.04	0.39	0.024	0.010L	10.00	106	1.	
31 08 75 1045			.3		0.092	0.009	0.02	0.60	0.003	0.010L	3.00	120	1.	
28 09 75 1100			.3		0.028	0.012	0.05	0.41	0.003	0.010L	1.20	115	1.	
26 10 75 1045			.3		0.028	0.002	0.01 L	0.42	0.006	0.030	4.00	138	5.	
30 11 75 1305			.3		0.026	0.006	0.06	0.42	0.005	0.050	1.60	125	5.	
28 12 75 1120			.3		0.028	0.008	0.08	0.51	0.003	0.030	1.50	115	2.	
MAXIMUM					0.092	0.018	0.08	0.60	0.024	0.150	10.00	138	5.	
AVG OR GEOM MN (*)					0.033	0.009	0.04 D	0.45	0.006	0.050D	2.87	112	2.	
MINIMUM					0.018	0.002	0.01	0.37	0.002	0.010	1.10	88	1.	
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	

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SAMPLE INFORMATION SYSTEM       STATION SUMMARY REPORT - RIVER BASINS                        DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: MATTAGAMI RIVER                                                                  STATION ID:  19-0064-002-02
 SAMPLE POINT: HIGHWAY 101 BRIDGE, TIMMINS
 STATION TYPE: RIVER                                    MAJOR BASIN: ARCTIC DRAINAGE ONTARIO                   STORET CODE: 04
                                                        MINOR BASIN: JAMES BAY SHORE                                        001
                                                        TERM STREAM: MOOSE RIVER                                            0230

STN NO     2      LAT               LONG                 U.T.M. 17 0474100.0 5369000.0 4     REGION 05             MILEAGE  265.50


                                    934      901       444        80       81       84        88       805        3          1
SAMP DTE HOUR STN  STN SAMP  PJ    SAMPLE      SCD  FLOW CFS    TOTAL     FECAL      M.F.   PSEUD.     WATER    DISS.      5-DAY
DY MO YR LMT  DIST BRG DEPTH           NO                    COLIFORM  COLIFORM    ENTER.      MPA     TEMP.       02        BOD
              FEET      MTRS                                 MF/100ML  MF/100ML  MF/100ML MF/100ML      DEG C    MG/L       MG/L

26 01 75 1305             .3       30516   4                     0.       0.                           0.0      2.0       1.8
16 02 75 1155             .3       30533   4                    70.       0.                           0.0     12.0       0.6
23 03 75 1355             .3       30550   4                     4.       0.                           0.0     13.0       0.6
27 04 75 1135             .3       30567   3                   150.      18.                           3.0      9.0       1.3
25 05 75 1115             .3       30584   6                    90.      16.                          20.0      9.0       0.6
22 06 75 1105             .3       30601   6                   250.      20.                          22.0      8.0       0.8
27 07 75 1245             .3       30618   6                  1600.      26.                          21.0      7.0       0.6
31 08 75 1100             .3       30635   6                                                          20.0      8.0       0.4
28 09 75 1115             .3       30652   6                  5000.     300.                          11.0     10.0       0.6
26 10 75 1100             .3       30669   6                   250.      12.                           8.0      8.0       0.6
30 11 75 1320             .3       30686   4                   240.      70.                           0.0     11.0       1.8
28 12 75 1140             .3       30703   4                             30.       6.                  0.0     11.0       0.6


                     MAXIMUM                                  5000.     300.       6.                 22.0     13.0       1.8
          AVG OR GEOM MN (*)                                   116.*     12.*      6.*                 8.8      9.0       0.9
                     MINIMUM                                     0.       0.       6.                  0.0      2.0       0.4

               NO OF SAMPLES                                      10       11         1                 12       12        12



                                     33       34        19       20        21        22       16        14       56        55
SAMP DTE HOUR STN  STN SAMP  PJ     TOTAL FILTERED  FILTERED    TOTAL   NITRITE   NITRATE   TURB.      COND.  CHLORIDE       PH
DY MO YR LMT  DIST BRG DEPTH            P REACTIVE   AMMONIA KJELDAHL     NO2-N     NO3-N FORMAZIN       25C     MG/L    AT LAB
              FEET      MTRS         MG/L   P MG/L      MG/L     MG/L      MG/L      MG/L   UNITS      UMHOS

26 01 75 1305             .3       0.014    0.014     0.01 L    0.35     0.003     0.090     1.00       119      1.
16 02 75 1155             .3       0.008    0.004     0.01 L    0.39     0.003     0.080     2.10       112      1.
23 03 75 1355             .3       0.008    0.004     0.01 L    0.28     0.002     0.100     1.60       104      1.
27 04 75 1135             .3       0.011    0.002     0.02      0.37     0.005     0.120     2.00        92      1.
25 05 75 1115             .3       0.012    0.004     0.04      0.36     0.004     0.030     2.00        84      1.
22 06 75 1105             .3       0.022    0.001     0.03      0.50     0.003     0.040     1.80        80      1.
27 07 75 1245             .3       0.030    0.006     0.01 L    0.17     0.003     0.010L    1.30       100      1.
31 08 75 1100             .3       0.019    0.003     0.02      0.33     0.003     0.010L    1.90       110      1.
28 09 75 1115             .3       0.012    0.006     0.02      0.32     0.003     0.010L    1.70       105      1.
26 10 75 1100             .3       0.019    0.005     0.01      0.33     0.005     0.060     6.40       110      1.
30 11 75 1320             .3       0.010    0.003     0.01      0.33     0.004     0.050     1.80       100      1.
28 12 75 1140             .3       0.008    0.002     0.02      0.36     0.003     0.030     1.50       105      2.


                     MAXIMUM       0.030    0.014     0.04      0.50     0.005     0.120     6.40       119      2.
          AVG OR GEOM MN (*)       0.014    0.005     0.02 D    0.34     0.003     0.053D    2.09       102      1.
                     MINIMUM       0.008    0.001     0.01      0.17     0.002     0.010     1.00        80      1.

               NO OF SAMPLES          12       12        12        12       12        12       12        12        12
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SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

B.O.W./ SITE: PORCUPINE RIVER
SAMPLE POINT: HIGHWAY 101 WHITNEY TOWNSHIP
STATION TYPE: RIVER

STATION ID: 19-0064-003-02

MAJOR BASIN: ARCTIC DRAINAGE ONTARIO
MINOR BASIN: JAMES BAY SHORE
TERM STREAM: MOOSE RIVER

STORET CODE: 04
001
0230

STN NO 3   LAT   LONG   U.T.M. 17 0487025.0 5371100.0 4   REGION 05   MILEAGE 268.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
26 01 75 1210			.3		30514	4		35.	12.			0.0	3.0	2.0
16 02 75 1105			.3		30531	4		20.	0.			0.0	5.0	0.8
23 03 75 1230			.3		30548	4		0.	0.			0.0	7.0	1.6
27 04 75 1055			.3		30565	3		140.	0.			3.0	9.0	1.8
25 05 75 1040			.3		30582	9		25.	0.			20.0	10.0	1.4
22 06 75 0955			.3		30599	9		5.	0.			21.0	9.0	1.2
27 07 75 1155			.3		30616	5 7 0		195.	0.			19.0	9.0	0.6
31 08 75 1020			.3		30633	7 9 0						16.0	5.0	2.2
28 09 75 1035			.3		30650	7 5 9		2000.	50.			11.0	6.0	0.8
26 10 75 1025			.3		30667	9		310.	22.			8.0	7.0	1.2
30 11 75 1230			.3		30684	4		30.	0.			0.0	13.0	2.6
28 12 75 1045			.3		30701	4			20.	6.		0.0	14.0	1.2
MAXIMUM								2000.	50.	6.		21.0	14.0	2.6
AVG OR GEOM MN (*)								46.*	3.*	6.*		8.2	8.1	1.5
MINIMUM								0.	0.	6.		0.0	3.0	0.6
NO OF SAMPLES								10	11	1		12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
26 01 75 1210			.3		0.093	0.012	0.09	0.30	0.007	0.260	0.92	740	23.	7.4
16 02 75 1105			.3		0.038	0.019	0.13	0.83	0.020	0.310	3.10	780	33.	7.5
23 03 75 1230			.3		0.054	0.018	0.07	0.68	0.009	0.470	2.50	750	28.	
27 04 75 1055			.3		0.064	0.020	0.23	0.80	0.019	0.450	10.00	250	14.	7.4
25 05 75 1040			.3		0.024	0.004	0.23	0.76	0.031	0.310	2.40	580	33.	7.8
22 06 75 0955			.3		0.048	0.007	0.09	0.76	0.066	0.010L	4.00	520	18.	
27 07 75 1155			.3		0.120	0.070	0.01 L	0.59	0.077	0.060	2.50	560	18.	8.2
31 08 75 1020			.3		0.400	0.270	0.12	1.20	0.003		1.80	560	28.	7.6
28 09 75 1035			.3		0.074	0.038	0.01	0.51	0.002	0.010L	1.90	600	1.	7.7
26 10 75 1025			.3		0.090	0.011	0.01	0.76	0.004	0.010	26.00	660	22.	7.2
30 11 75 1230			.3		0.043	0.004	0.01	0.56	0.004	0.090	4.40	530	18.	8.0
28 12 75 1045			.3		0.040	0.002	0.03	0.72	0.002	0.010	1.40	750		8.1
MAXIMUM					0.400	0.270	0.23	1.20	0.077	0.470	26.00	780	33.	8.2
AVG OR GEOM MN (*)					0.091	0.040	0.09 D	0.71	0.020	0.181D	5.08	607	21.	7.7
MINIMUM					0.024	0.002	0.01	0.30	0.002	0.010	0.92	250	1.	7.2
NO OF SAMPLES					12	12	12	12	12	11	12	12	11	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
26 01 75 1210			.3		30514					0.15				
16 02 75 1105			.3		30531					0.15				
23 03 75 1230			.3		30548									
27 04 75 1055			.3		30565					0.80				
25 05 75 1040			.3		30582					0.05L				
22 06 75 0955			.3		30599									
27 07 75 1155			.3		30616					0.30				
31 08 75 1020			.3		30633					0.23		2.		
28 09 75 1035			.3		30650					0.18				
26 10 75 1025			.3		30667					1.30				
30 11 75 1230			.3		30684					0.52				
28 12 75 1045			.3		30701					0.20				
MAXIMUM										1.30		2.		
AVG OR GEOM MN (*)										0.39D		2.		
MINIMUM										0.05		2.		
NO OF SAMPLES										10		1		

CONT'D

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B.O.W./ SITE: PORCUPINE RIVER                                                                          STATION ID:  19-0064-003-02
SAMPLE POINT: HIGHWAY 101 WHITNEY TOWNSHIP
STATION TYPE: RIVER                                       MAJOR BASIN: ARCTIC DRAINAGE ONTARIO                   STORET CODE: 04
                                                          MINOR BASIN: JAMES BAY SHORE                                        001
                                                          TERM STREAM: MOOSE RIVER                                            0230

STN NO     3       LAT              LONG              U.T.M. 17 0487025.0 5371100.0 4      REGION 05              MILEAGE  268.40

                                           59          5          6          7        107         67         66         45         47         41
SAMP DTE HOUR  STN  STN SAMP  PJ     SULPHATE      TOTAL      SUSP.      DISS.      DISS.    PTSSIUM     SODIUM      TOT C    ORGANIC        COD
DY MO YR LMT   DIST BRG DEPTH                     SOLIDS     SOLIDS     SOLIDS     SOLIDS          K         NA       AS C     C AS C
               FEET       MTRS           MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L

26 01 75 1210               .3           200.       590.      15. L        575
16 02 75 1105               .3           157.       600.         4.        596
23 03 75 1230               .3                      610.        12.        598
27 04 75 1055               .3            46.       173.        10.                   163
25 05 75 1040               .3           105.       250.         7.        243
22 06 75 0955               .3                      450.         9.        441
27 07 75 1155               .3           175.       404.         7.        397
31 08 75 1020               .3           125.       429.         8.        421
28 09 75 1035               .3           190.       452.         4.        448
26 10 75 1025               .3           220.       557.        34.        523
30 11 75 1230               .3           165.                   14.
28 12 75 1045               .3                      543.         5.        538


                       MAXIMUM           220.       610.        34.        598        163
            AVG OR GEOM MN (*)           153.       459.      10. D        478        163
                       MINIMUM            46.       173.         4.        243        163

                 NO OF SAMPLES              9         11         12         10          1



                                          934        203        265         64         72        221        225        272        215        229
SAMP DTE HOUR  STN  STN SAMP  PJ       SAMPLE      TOTAL      TOTAL                 TOTAL      TOTAL      TOTAL     SIMPLE      TOTAL      TOTAL
DY MO YR LMT   DIST BRG DEPTH              NO   ALUMINUM    ARSENIC    CALCIUM    CALCIUM   CHROMIUM     COPPER    CYANIDE    CADMIUM       LEAD
               FEET       MTRS                      MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L

26 01 75 1210               .3          30514                0.01 L                                        0.07       0.02
16 02 75 1105               .3          30531                0.01 L                                      0.03 L      0.01L
23 03 75 1230               .3          30548                                                              0.05      0.01L     0.01 L       0.04
27 04 75 1055               .3          30565
25 05 75 1040               .3          30582                 0.004                                        0.02
27 07 75 1155               .3          30616                0.02 G                                        0.03      0.01L
31 08 75 1020               .3          30633                0.01 L                                        0.02      0.01L
28 09 75 1035               .3          30650                0.02 L                                      0.03 L      0.01L
26 10 75 1025               .3          30667                0.01 L                                        0.06      0.01L
30 11 75 1230               .3          30684                0.01 L                                        0.02      0.01L


                       MAXIMUM                                 0.02                                        0.07       0.02       0.01       0.04
            AVG OR GEOM MN (*)                                0.012E                                     0.04 D      0.010D     0.01 D       0.04
                       MINIMUM                                0.004                                        0.02       0.01       0.01       0.04

                 NO OF SAMPLES                                    8                                           9          8          1          1

                                           65         74        200        235        238        249        217        218        219        361
SAMP DTE HOUR  STN  STN SAMP  PJ          MAG   TOT. MAG   MANGNESE      TOTAL      TOTAL      TOTAL      TOTAL     BARIUM   SELENIUM    SOLVENT
DY MO YR LMT   DIST BRG DEPTH          NESIUM     NESIUM         MN    MERCURY     NICKEL       ZINC     COBALT       MG/L       MG/L   EXTRBLES
               FEET       MTRS           MG/L       MG/L       MG/L       UG/L       MG/L       MG/L       MG/L                             MG/L

26 01 75 1210               .3                                                   0.04 L      0.030
16 02 75 1105               .3                                                     0.06      0.010
23 03 75 1230               .3                                 0.25                0.05      0.030
27 04 75 1055               .3                                                               0.030
25 05 75 1040               .3                                                     0.05      0.010
27 07 75 1155               .3                                                     0.02      0.010
31 08 75 1020               .3                                                     0.03      0.010
28 09 75 1035               .3                                                   0.02 L     0.030L
26 10 75 1025               .3                                                     0.02      0.020
30 11 75 1230               .3                                                     0.02      0.010


                       MAXIMUM                                 0.25                0.06      0.030
            AVG OR GEOM MN (*)                                 0.25              0.03 D     0.019D
                       MINIMUM                                 0.25                0.02      0.010

                 NO OF SAMPLES                                    1                   9         10
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SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: PORCUPINE RIVER
SAMPLE POINT: HIGHWAY 101 BRIDGE, HOYLE
STATION TYPE: RIVER

STATION ID: 19-0064-004-02

MAJOR BASIN: ARCTIC DRAINAGE ONTARIO
MINOR BASIN: JAMES BAY SHORE
TERM STREAM: MOOSE RIVER

STORET CODE: 04
001
0230

STN NO 4 LAT LONG U.T.M. 17 0496000.0 5377200.0 4 REGION 05 MILEAGE 251.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
26 01 75 1145			.3		30513	4						0.0	1.0	14.0
16 02 75 1040			.3		30530	4		15.	10.			0.0	3.0	1.6
23 03 75 1200			.3		30547	4		1000.	100.			0.0	2.0	2.2
27 04 75 1035			.3		30564	3		1400.	300.			1.0	8.0	1.8
25 05 75 1010			.3		30581	9		180.	16.			20.0	6.0	2.2
22 06 75 0935			.3		30598	6		56.	15.			20.0	6.0	1.4
27 07 75 1135			.3		30615	7		800.	200.			20.0	5.0	0.6
31 08 75 1000			.3		30632	9						17.0	6.0	1.0
28 09 75 1010			.3		30649	9		1000.	60.			11.0	7.0	1.0
26 10 75 1000			.3		30666	9		260.	250.			7.0	6.0	1.6
30 11 75 1210			.3		30683	4		2800.	180.			0.0	5.0	1.4
28 12 75 1020			.3		30700	4			6100.	22.		0.0	8.0	0.8
MAXIMUM								2800.	6100.	22.		20.0	9.0	14.0
AVG OR GEOM MN (*)								368.*	109.*	22.*		8.0	5.6	2.5
MINIMUM								15.	10.	22.		0.0	1.0	0.6
NO OF SAMPLES								9	10	1		12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
26 01 75 1145			.3		0.095	0.007	0.31	0.59	0.009	0.020	4.30	900	12.	7.0
16 02 75 1040			.3		0.220	0.065	0.75	1.40	0.042	0.020	4.10	650	16.	7.1
23 03 75 1200			.3		0.240	0.016	0.48	0.98	0.004	0.010L	8.10	780	12.	
27 04 75 1035			.3		0.084	0.019	0.35	1.10	0.025	0.410	12.00	285	9.	7.3
25 05 75 1010			.3		0.100	0.040	0.06	0.72	0.011	0.030	6.10	300	6.	7.2
22 06 75 0935			.3		0.084	0.028	0.02	0.88	0.012	0.090	5.40	270	5.	
27 07 75 1135			.3		0.110	0.070	0.04	0.47	0.013	0.010	3.90	700	11.	8.2
31 08 75 1000			.3		0.056	0.013	0.03	0.30	0.002	0.010L	1.90	92	6.	6.6
28 09 75 1010			.3		0.060	0.022	0.02	0.80	0.006	0.010L	5.60	460	5.	7.7
26 10 75 1000			.3		0.062	0.011	0.01 L	0.66	0.007	0.010	3.80	415	3.	6.8
30 11 75 1210			.3		0.049	0.021	0.04	0.71	0.009	0.130	5.00	410	10.	7.0
28 12 75 1020			.3		0.069	0.027	0.08	0.75	0.008	0.100	3.80	470		7.1
MAXIMUM					0.240	0.070	0.75	1.40	0.042	0.410	12.00	900	16.	8.2
AVG OR GEOM MN (*)					0.102	0.028	0.18 D	0.78	0.012	0.071D	5.33	478	8.	7.2
MINIMUM					0.049	0.007	0.01	0.30	0.002	0.010	1.90	92	3.	6.6
NO OF SAMPLES					12	12	12	12	12	12	12	12	11	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
26 01 75 1145			.3		30513					0.95				
16 02 75 1040			.3		30530					1.20				
23 03 75 1200			.3		30547									
27 04 75 1035			.3		30564					1.25				
25 05 75 1010			.3		30581					0.10				
22 06 75 0935			.3		30598									
27 07 75 1135			.3		30615					0.25				
31 08 75 1000			.3		30632					0.23		1. L		
28 09 75 1010			.3		30649					0.51				
26 10 75 1000			.3		30666					0.80				
30 11 75 1210			.3		30683					0.73				
28 12 75 1020			.3		30700					0.75				
MAXIMUM										1.25		1.		
AVG OR GEOM MN (*)										0.68		1. D		
MINIMUM										0.10		1.		
NO OF SAMPLES										10		1		

CONT'D

B.O.W./ SITE: PORCUPINE RIVER
SAMPLE POINT: HIGHWAY 101 BRIDGE, HOYLE
STATION TYPE: RIVER

STATION ID: 19-0064-004-02

MAJOR BASIN: ARCTIC DRAINAGE ONTARIO
MINOR BASIN: JAMES BAY SHORE
TERM STREAM: MOOSE RIVER

STORET CODE: 04
001
0230

STN NO 4 LAT LONG U.T.M. 17 0496000.0 5377200.0 4 REGION 05 MILEAGE 251.50

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
26 01 75	1145			.3		300.	770.	25.	745						
16 02 75	1040			.3		200.	480.	13.	467						
23 03 75	1200			.3			640.	16.	624						
27 04 75	1035			.3		90.	210.	25.		185					
25 05 75	1010			.3		76.	210.	12.		98					
22 06 75	0935			.3			187.	11.		176					
27 07 75	1135			.3		275.	520.	5.	515						
31 08 75	1000			.3		575.	74.	7.		67					
28 09 75	1010			.3		180.	393.	9.	384						
26 10 75	1000			.3		165.	347.	11.	336						
30 11 75	1210			.3		130.	328.	5.	323						
28 12 75	1020			.3			369.	8.	361						
MAXIMUM						575.	770.	25.	745	185					
AVG OR GEOM MN (*)						221.	377.	12.	469	132					
MINIMUM						76.	74.	5.	323	67					
NO OF SAMPLES						9	12	12	8	4					

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	203 TOTAL ALUMINUM MG/L	265 TOTAL ARSENIC MG/L	64 CALCIUM MG/L	72 TOTAL CALCIUM MG/L	221 TOTAL CHROMIUM MG/L	225 TOTAL COPPER MG/L	272 SIMPLE CYANIDE MG/L	215 TOTAL CADMIUM MG/L	229 TOTAL LEAD MG/L
26 01 75	1145			.3		30513		0.01 L				0.04	0.01L		
16 02 75	1040			.3		30530		0.01				0.03 L	0.01L		
23 03 75	1200			.3		30547						0.05 L	0.01L	0.02 L	0.04
27 04 75	1035			.3		30564									
25 05 75	1010			.3		30581		0.003				0.01 L			
27 07 75	1135			.3		30615		0.01				0.06	0.01L		
31 08 75	1000			.3		30632		0.02 L				0.01 L	0.01L		
28 09 75	1010			.3		30649		0.01 L				0.03 L	0.01L		
26 10 75	1000			.3		30666		0.00				0.02	0.01L		
30 11 75	1210			.3		30683		0.01 L				0.01	0.01L		
MAXIMUM								0.02				0.06	0.01	0.02	0.04
AVG OR GEOM MN (*)								0.009D				0.03 D	0.01D	0.02 D	0.04
MINIMUM								0.00				0.01	0.01	0.02	0.04
NO OF SAMPLES								8				9	8	1	1

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	65 MAG NESIUM MG/L	74 TOT. MAG NESIUM MG/L	200 MANGNESE MN MG/L	235 TOTAL MERCURY UG/L	238 TOTAL NICKEL MG/L	249 TOTAL ZINC MG/L	217 TOTAL COBALT MG/L	218 BARIUM MG/L	219 SELENIUM MG/L	361 SOLVENT EXTRBLES MG/L
26 01 75	1145			.3						0.04 L	0.080				
16 02 75	1040			.3						0.04	0.010				
23 03 75	1200			.3				0.56		0.07 L	0.090				
27 04 75	1035			.3							0.120				
25 05 75	1010			.3						0.02 L	0.030				
27 07 75	1135			.3						0.03	0.030				
31 08 75	1000			.3						0.02	0.040				
28 09 75	1010			.3						0.02 L	0.040				
26 10 75	1000			.3						0.01	0.070				
30 11 75	1210			.3						0.01 L	0.100				
MAXIMUM								0.56		0.07	0.120				
AVG OR GEOM MN (*)								0.56		0.03 D	0.061				
MINIMUM								0.56		0.01	0.010				
NO OF SAMPLES								1		9	10				

SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: ABITIBI RIVER
SAMPLE POINT: DOWNSTREAM FROM ABITIBI PAPER COMPANY
STATION TYPE: RIVER

STATION ID: 19-0064-005-02

MAJOR BASIN: ARCTIC DRAINAGE ONTARIO
MINOR BASIN: JAMES BAY SHORE
TERM STREAM: MOOSE RIVER

STORET CODE: 04
001
0230

STN NO 5 LAT LONG U.T.M. 17 0523700.0 5402350.0 4 REGION 05 MILEAGE 231.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. 02 MG/L	1 5-DAY BOD MG/L
26 01 75 0850			.3		30510	9	6830.	800.	800.			1.0	3.0	4.0
16 02 75 0835			.3		30527	9	6850.	63000.	1900.			0.0	11.0	3.2
23 03 75 0930			.3		30544	9	5500.	140.	110.			1.0	12.0	2.8
27 04 75 0850			.3		30561	9	8180.	79000.	3600.			1.0	12.0	1.9
25 05 75 0825			.3		30578	9	4910.	54000.	4000.			14.0	7.0	3.4
22 06 75 0800			.3		30595	9	5310.	5900.	60.			22.0	7.0	3.6
27 07 75 0940			.3		30612	6	5110.	22000.	300.			20.0	7.0	0.4
31 08 75 0815			.3		30629	6	4930.					18.0	7.0	0.6
28 09 75 0820			.3		30646	6	4920.	12000.	500.			10.0	9.0	2.0
26 10 75 0820			.3		30663	6	4940.	4000.	520.			8.0	8.0	1.2
30 11 75 1000			.3		30680	6	4860.	30000.	3000.			1.0	12.0	1.6
28 12 75 0830			.3		30697	4	4840.		21000.	132.		0.0	11.0	2.0
MAXIMUM							8180.	79000.	21000.	132.		22.0	12.0	4.0
AVG OR GEOM MN (*)							5598.	9443.*	969.*	132.*		8.0	8.8	2.2
MINIMUM							4840.	140.	60.	132.		0.0	3.0	0.4
NO OF SAMPLES							12	10	11	1		12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
26 01 75 0850			.3		0.110	0.045	0.06	1.10	0.019	0.150	48.00	128	2.	7.9
16 02 75 0835			.3		0.080	0.040	0.05	0.90	0.018	0.110	83.00	134	2.	7.3
23 03 75 0930			.3		0.064	0.028	0.03	0.54	0.014	0.130	49.00	144	2.	7.2
27 04 75 0850			.3		0.050	0.011	0.02	0.75	0.010	0.290	22.00	104	2.	7.3
25 05 75 0825			.3		0.050	0.025	0.03	0.70	0.017	0.030	22.00	295	1.	7.4
22 06 75 0800			.3		0.055	0.010	0.03	0.70	0.012	0.010	16.00	130	2.	7.3
27 07 75 0940			.3		0.066	0.043	0.05	0.46	0.016	0.170	40.00	106	1.	7.4
31 08 75 0815			.3		0.085	0.042	0.05	0.55	0.019	0.110	45.00	120	1.	7.9
28 09 75 0820			.3		0.070	0.048	0.06	0.50	0.018	0.100	44.00	145	1.	
26 10 75 0820			.3		0.065	0.046	0.05	0.50	0.021	0.120	58.00	134	1.	7.5
30 11 75 1000			.3		0.088	0.061	0.08	0.44	0.023	0.150	85.00	130	1.	
28 12 75 0830			.3		0.074	0.039	0.05	0.52	0.018	0.130	56.00	140	2.	7.5
MAXIMUM					0.110	0.061	0.08	1.10	0.023	0.290	85.00	295	2.	7.9
AVG OR GEOM MN (*)					0.071	0.037	0.05	0.64	0.017	0.125	47.33	143	1.	7.5
MINIMUM					0.050	0.010	0.02	0.44	0.010	0.010	16.00	104	1.	7.2
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	10

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
26 01 75 0850			.3			120.	40.		80					
16 02 75 0835			.3			106.	19.		87					
23 03 75 0930			.3			124.	30.		94					
27 04 75 0850			.3			95.	27.		72					
25 05 75 0825			.3			211.	20.		91					
22 06 75 0800			.3			113.	28.		85					
27 07 75 0940			.3			79.	10.		69					
31 08 75 0815			.3											
28 09 75 0820			.3			114.	20.		94					
26 10 75 0820			.3			87.	10.	77						
30 11 75 1000			.3			106.	21.		85					
28 12 75 0830			.3			101.	10.		91					
MAXIMUM						211.	40.	77	94					
AVG OR GEOM MN (*)						114.	21.	77	85					
MINIMUM						79.	10.	77	69					
NO OF SAMPLES						11	11	1	10					

CONT'D

B.O.W./ SITE: ABITIBI RIVER
SAMPLE POINT: DOWNSTREAM FROM ABITIBI PAPER COMPANY
STATION TYPE: RIVER

STATION ID: 19-0064-005-02

MAJOR BASIN: ARCTIC DRAINAGE ONTARIO
MINOR BASIN: JAMES BAY SHORE
TERM STREAM: MOOSE RIVER

STORET CODE: 04
001
0230

STN NO 5 LAT LONG U.T.M. 17 0523700.0 5402350.0 4 REGION 05 MILEAGE 231.80

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
26 01 75 0850			.3		30510							1.		
16 02 75 0835			.3		30527							1.		
23 03 75 0930			.3		30544							1. L		
27 04 75 0850			.3		30561							3.		
25 05 75 0825			.3		30578							3.		
22 06 75 0800			.3		30595							8.		
27 07 75 0940			.3		30612							9.		
31 08 75 0815			.3		30629							1. L		
28 09 75 0820			.3		30646							1.		
26 10 75 0820			.3		30663							1. L		
30 11 75 1000			.3		30680									
28 12 75 0830			.3		30697									
MAXIMUM												9.		
AVG OR GEOM MN (*)												2. D		
MINIMUM												1.		
NO OF SAMPLES												10		

B.O.W./ SITE: ABITIBI RIVER
SAMPLE POINT: UPSTREAM FROM ABITIBI PAPER COMPANY
STATION TYPE: RIVER

STATION ID: 19-0064-006-02

MAJOR BASIN: ARCTIC DRAINAGE ONTARIO
MINOR BASIN: JAMES BAY SHORE
TERM STREAM: MOOSE RIVER

STORET CODE: 04
001
0230

STN NO 6 LAT LONG U.T.M. 17 0524325.0 5400950.0 4 REGION 05 MILEAGE 232.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
26 01 75 0920			.3		30511	4	6240.	60.	12.			0.0	11.0	4.0
16 02 75 0900			.3		30528	4 0	6280.	50000.	3000.			0.0	12.0	2.4
23 03 75 1000			.3		30545	4	4120.	0.	0.			0.0	7.0	0.8
27 04 75 0910			.3		30562	9	304.	100.	36.			1.0	8.0	2.1
25 05 75 0850			.3		30579	9	3310.	12.	4.			19.0	9.0	1.0
22 06 75 0825			.3		30596	9	3240.	130.	102.			18.0	6.0	1.2
27 07 75 1005			.3		30613	9	4360.	60.	12.			20.0	7.0	0.6
31 08 75 0845			.3		30630	9	3970.					17.0	6.0	0.6
28 09 75 0850			.3		30647	9		20000.	30.			12.0	8.0	1.2
26 10 75 0845			.3		30664	9	2800.	20.	0.			7.0	10.0	0.8
30 11 75 1030			.3		30681	4	2200.	60.	10.			0.0	11.0	0.8
28 12 75 0850			.3		30698	4	3730.		50.	6.		0.0	12.0	2.0
MAXIMUM							6280.	50000.	3000.	6.		20.0	12.0	4.0
AVG OR GEOM MN (*)							3687.	121.*	19.*	6.*		7.8	8.9	1.5
MINIMUM							304.	0.	0.	6.		0.0	6.0	0.6
NO OF SAMPLES							11	10	11	1		12	12	12

CONT'D

B.O.W./ SITE: ABITIBI RIVER
SAMPLE POINT: UPSTREAM FROM ABITIBI PAPER COMPANY
STATION TYPE: RIVER

STATION ID: 19-0064-006-02

MAJOR BASIN: ARCTIC DRAINAGE ONTARIO
MINOR BASIN: JAMES BAY SHORE
TERM STREAM: MOOSE RIVER

STORET CODE: 04
001
0230

STN NO 6 LAT LONG U.T.M. 17 0524325.0 5400950.0 4 REGION 05 MILEAGE 232.00

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
26 01 75	0920			.3		0.310	0.061	0.07	2.20	0.020	0.280	52.00	130	2.	7.8
16 02 75	0900			.3		0.090	0.075	0.06		0.024	0.230	50.00	136	2.	8.3
23 03 75	1000			.3		0.096	0.069	0.07	0.72	0.026	0.460	54.00	170	2.	7.3
27 04 75	0910			.3		0.058	0.017	0.06	1.60	0.010	0.350	22.00	100	1.	7.1
25 05 75	0850			.3		0.034	0.011	0.03	0.54	0.009	0.030	13.00	142	1.	7.5
22 06 75	0825			.3		0.050	0.015	0.05	0.66	0.012	0.040	17.00	130	2.	7.6
27 07 75	1005			.3		0.062	0.044	0.05	0.42	0.018	0.160	46.00	107	1.	7.7
31 08 75	0845			.3		0.095	0.042	0.06	0.30	0.018	0.110	48.00	120	1.	7.8
28 09 75	0850			.3		0.080	0.045	0.05	0.50	0.016	0.100	46.00	135	1.	
26 10 75	0845			.3		0.120	0.041	0.04	0.55	0.019	0.080	61.00	136	1.	7.4
30 11 75	1030			.3		0.084	0.062	0.08	0.40	0.024	0.150	80.00	130	1.	
28 12 75	0850			.3		0.100	0.034	0.05	0.60	0.026	0.120	46.00	140	1.	7.6
MAXIMUM						0.310	0.075	0.08	2.20	0.026	0.460	80.00	170	2.	8.3
AVG OR GEOM MN (*)						0.098	0.043	0.06	0.77	0.019	0.176	44.58	131	1.	7.6
MINIMUM						0.034	0.011	0.03	0.30	0.009	0.030	13.00	100	1.	7.1
NO OF SAMPLES						12	12	12	11	12	12	12	12	12	10

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	57 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
26 01 75	0920			.3		30511							1. L		
16 02 75	0900			.3		30528							1. L		
23 03 75	1000			.3		30545							8.		
27 04 75	0910			.3		30562							2.		
25 05 75	0850			.3		30579							1.		
22 06 75	0825			.3		30596							1.		
27 07 75	1005			.3		30613							4.		
31 08 75	0845			.3		30630							1. L		
28 09 75	0850			.3		30647							1. L		
26 10 75	0845			.3		30664							1.		
30 11 75	1030			.3		30681									
28 12 75	0850			.3		30698									
MAXIMUM													8.		
AVG OR GEOM MN (*)													2. D		
MINIMUM													1.		
NO OF SAMPLES													10		

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
26 01 75	0920			.3			235.	150.		85					
16 02 75	0900			.3			127.	38.		89					
23 03 75	1000			.3			133.	23.		110					
27 04 75	0910			.3			85.	20.		65					
25 05 75	0850			.3			100.	8.		92					
22 06 75	0825			.3			95.	10.		85					
27 07 75	1005			.3			82.	12.		70					
31 08 75	0845			.3											
28 09 75	0850			.3			111.	23.		88					
26 10 75	0845			.3			88.	14.	74						
30 11 75	1030			.3			102.	17.		85					
28 12 75	0850			.3			131.	40.		91					
MAXIMUM							235.	150.	74	110					
AVG OR GEOM MN (*)							117.	32.	74	86					
MINIMUM							82.	8.	74	65					
NO OF SAMPLES							11	11	1	10					

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SAMPLE INFORMATION SYSTEM        STATION SUMMARY REPORT - RIVER BASINS                          DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: BLACK RIVER                                                                         STATION ID:  19-0064-007-02
 SAMPLE POINT: HIGHWAY 101 TOWN OF MATHESON
 STATION TYPE: RIVER
                                                            MAJOR BASIN: ARCTIC DRAINAGE ONTARIO                  STORET CODE: 04
                                                            MINOR BASIN: JAMES BAY SHORE                                       001
                                                            TERM STREAM: MOOSE RIVER                                           0230

STN NO      7        LAT                    LONG            U.T.M. 17 0539500.0 5376150.0 4     REGION 05            MILEAGE  262.70


                                           934       901      444        80         81         84         88        805        3          1
SAMP DTE HOUR  STN  STN SAMP  PJ          SAMPLE         SCD  FLOW CFS   TOTAL      FECAL      M.F.      PSEUD.    WATER      DISS.     5-DAY
DY MO YR LMT   DIST BRG DEPTH                NO                        COLIFORM   COLIFORM   ENTER.      MPA      TEMP.       O2        BOD
               FEET      MTRS                                          MF/100ML   MF/100ML  MF/100ML  MF/100ML    DEG C      MG/L       MG/L

26 01 75 1005              .3              30512    4                  170.       48.                           0.0        3.0        1.4
16 02 75 0955              .3              30529    4                   20.        4.                           0.0        8.0        0.6
23 03 75 1105              .3              30546    4                 1000.      300.                           0.0       13.0        1.0
27 04 75 0955              .3              30563    4                   90.       14.                           0.0       14.0        1.6
25 05 75 0930              .3              30580    9                  185.       10.                          19.0        8.0        1.4
22 06 75 0900              .3              30597    6                  125.       50.                          18.0        7.0        0.8
27 07 75 1050              .3              30614    6                80000.  G   500.                          20.0        7.0        0.6
31 08 75 0920              .3              30631    6                                                          17.0        7.0        0.8
28 09 75 0930              .3              30648    9                  200.       12.                          10.0        9.0        1.6
26 10 75 0920              .3              30665    6                 2000.      124.                           7.0       11.0        0.6
30 11 75 1125              .3              30682    4                  190.        8.                           0.0        9.0        1.8
28 12 75 0935              .3              30699    4                             30.        4.                 0.0        9.0        0.6


                     MAXIMUM                                         80000.      500.        4.                20.0       14.0        1.8
            AVG OR GEOM MN (*)                                         366.* U    34.*       4.*                7.6        8.8        1.1
                     MINIMUM                                            20.        4.        4.                 0.0        3.0        0.6

                 NO OF SAMPLES                                          10         11          1                 12         12         12



                                           33        34        19         20         21         22         16         14        56          55
SAMP DTE HOUR  STN  STN SAMP  PJ          TOTAL   FILTERED  FILTERED     TOTAL     NITRITE    NITRATE     TURB.      COND.   CHLORIDE       PH
DY MO YR LMT   DIST BRG DEPTH                P    REACTIVE  AMMONIA   KJELDAHL     NO2-N      NO3-N    FORMAZIN      25C       MG/L     AT LAB
               FEET      MTRS              MG/L     P MG/L     MG/L       MG/L       MG/L       MG/L      UNITS     UMHOS

26 01 75 1005              .3             0.021     0.015     0.08       0.32      0.008      0.130       5.40       185        1.
16 02 75 0955              .3             0.020     0.013     0.06       1.70      0.008      0.110       3.10       200        1.
23 03 75 1105              .3             0.020     0.015     0.04       0.32      0.006      0.180       9.20       210        7.
27 04 75 0955              .3             0.054     0.012     0.06       0.60      0.012      0.150       2.30        75        2.
25 05 75 0930              .3             0.038     0.011     0.03       0.52      0.012      0.050      13.00       100        1.
22 06 75 0900              .3             0.038     0.006     0.03       0.70      0.009      0.010      12.00        84        1.
27 07 75 1050              .3             0.051     0.043     0.01       0.39      0.037      0.020      16.00       160        1.
31 08 75 0920              .3             0.024     0.013     0.03       0.38      0.007      0.010L      8.00       155        1.
28 09 75 0930              .3             0.032     0.015     0.03       0.62      0.008      0.010L      6.80       110        1.
26 10 75 0920              .3             0.048     0.019     0.05       0.74      0.015      0.150      26.00       130        2.
30 11 75 1125              .3             0.018     0.009     0.03       0.56      0.008      0.060       9.00       140        2.
28 12 75 0935              .3             0.020     0.007     0.04       0.49      0.006      0.070       7.00       165        6.


                     MAXIMUM              0.054     0.043     0.08       1.70      0.037      0.180      26.00       210        7.
            AVG OR GEOM MN (*)            0.032     0.015     0.04       0.61      0.011      0.079D      9.82       143        2.
                     MINIMUM              0.018     0.006     0.01       0.32      0.006      0.010       2.30        75        1.

                 NO OF SAMPLES              12        12        12         12         12         12         12         12        12
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SAMPLE INFORMATION SYSTEM        STATION SUMMARY REPORT - RIVER BASINS                        DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: MATTAWISHKWIA RIVER                                                             STATION ID:  19-0064-008-02
 SAMPLE POINT: HIGHWAY 11 TOWN OF HEARST
 STATION TYPE: RIVER                                   MAJOR BASIN: ARCTIC DRAINAGE ONTARIO                  STORET CODE: 04
                                                       MINOR BASIN: JAMES BAY SHORE                                       001
                                                       TERM STREAM: MOOSE RIVER                                           0230

STN NO      8      LAT                 LONG            U.T.M. 17 0310050.0 5506750.0 4      REGION 05            MILEAGE  214.00


                                         934       901       444        80         81         84         88        805         3          1
SAMP DTE HOUR  STN  STN SAMP  PJ       SAMPLE       SCD  FLOW CFS     TOTAL      FECAL       M.F.     PSEUD.      WATER      DISS.     5-DAY
DY MO YR LMT   DIST BRG DEPTH              NC                       COLIFORM   COLIFORM    ENTER.        MPA      TEMP.        O2        BOD
               FEET      MTRS                                      MF/100ML   MF/100ML  MF/100ML  MF/100ML      DEG C       MG/L       MG/L

24 01 75 1515              .3          30501    4                   22000.      1400.                             0.0        5.0        3.6
15 02 75 1100              .3          30518    4                   11000.        64.                             0.0       10.0        1.2
22 03 75 1120              .3          30535    4                    6000.       900.                             0.0        9.0        3.2
26 04 75 1145              .3          30552    3                   17000.        70.                             1.0       12.0        1.8
23 05 75 2030              .3          30569    6                      22.         8.                            19.0        9.0        0.8
21 06 75 1030              .3          30586    6                     450.        10.                            17.0        9.0        0.8
26 07 75 1145              .3          30603    6                    3400.       180.                            18.0        8.0        0.6
30 08 75 1145              .3          30620    9                                                                17.0        8.0        1.4
27 09 75 1105              .3          30637    9                    3000.       400.                             9.0        8.0        1.6
25 10 75 1300              .3          30654    9                   34000.       700.                             7.0       11.0        5.0
29 11 75 1200              .3          30671    4                    1400.        70.                             0.0       12.0        3.2
27 12 75 1200              .3          30688    4                    6300.        94.                             0.0       11.0        0.8



                      MAXIMUM                                       34000.      1400.                            19.0       12.0        5.0
            AVG OR GEOM MN (*)                                       3420.*      128.*                            7.3        9.3        2.0
                      MINIMUM                                          22.         8.                             0.0        5.0        0.6

                NO OF SAMPLES                                           11         11                              12         12         12




                                          33        34        19        20         21         22         16         14         56         55
SAMP DTE HOUR  STN  STN SAMP  PJ       TOTAL  FILTERED  FILTERED     TOTAL    NITRITE    NITRATE      TURB.      COND.   CHLORIDE         PH
DY MO YR LMT   DIST BRG DEPTH              P  REACTIVE  AMMONIA   KJELDAHL      NO2-N      NO3-N   FORMAZIN        25C       MG/L     AT LAB
               FEET      MTRS           MG/L    P MG/L      MG/L      MG/L       MG/L       MG/L      UNITS      UMHOS

24 01 75 1515              .3          0.130     0.078     0.33      1.80      0.008      0.100       2.20        190         3.
15 02 75 1100              .3          0.150     0.090     0.40      1.20      0.009      0.180       5.50        220         3.
22 03 75 1120              .3          0.048     0.017     0.04      0.49      0.011      0.320       4.90        268         9.
26 04 75 1145              .3          0.058     0.019     0.08      0.66      0.010      0.280       8.00        132         1.
23 05 75 2030              .3          0.020     0.011     0.04      0.50      0.007      0.010L      3.10         96         1.
21 06 75 1030              .3          0.014     0.001     0.01 L    0.48      0.007      0.010L      2.90        126         1.
26 07 75 1145              .3          0.047     0.022     0.01      0.67      0.057      0.010L      6.50        165         3.
30 08 75 1145              .3          0.034     0.009     0.20      1.20      0.018      0.010L      5.00        150         2.
27 09 75 1105              .3          0.032     0.011     0.02      0.67      0.006      0.010L      2.20        175         1.
25 10 75 1300              .3          0.098     0.014     0.01 L    1.00      0.008      0.010      39.00        500         3.
29 11 75 1200              .3          0.350     0.007     0.02      2.00      0.008      0.020      11.00        120         1.
27 12 75 1200              .3          0.020     0.004     0.03      0.71      0.007      0.030       3.50        145         1.



                      MAXIMUM          0.350     0.090     0.40      2.00      0.057      0.320      39.00        500         9.
            AVG OR GEOM MN (*)         0.083     0.024     0.10 D    0.95      0.013      0.083D      7.82        191         2.
                      MINIMUM          0.014     0.001     0.01      0.48      0.006      0.010       2.20         96         1.

                NO OF SAMPLES             12        12        12        12         12         12         12         12         12




                                          59         5         6         7        107         67         66         45         47         41
SAMP DTE HOUR  STN  STN SAMP  PJ    SULPHATE     TOTAL     SUSP.     DISS.      DISS.    PTSSIUM     SODIUM      TOT C    ORGANIC        COD
DY MO YR LMT   DIST BRG DEPTH                   SOLIDS    SOLIDS    SOLIDS     SOLIDS          K         NA       AS C     C AS C
               FEET      MTRS           MG/L      MG/L      MG/L      MG/L       MG/L       MG/L       MG/L       MG/L       MG/L       MG/L

24 01 75 1515              .3                     140.      15. L                 125
15 02 75 1100              .3                     151.       8.                   143
22 03 75 1120              .3                     190.      16.                   174
26 04 75 1145              .3                     102.      16.                    86
23 05 75 2030              .3                      70.       8.                    62
21 06 75 1030              .3                      88.       7.                    81
26 07 75 1145              .3                     115.       8.                   107
30 08 75 1145              .3                     112.       7.                   105
27 09 75 1105              .3                     120.       6.                   114
25 10 75 1300              .3                     202.      51.       151
29 11 75 1200              .3                      82.       4.                    78
27 12 75 1200              .3                      99.       5.                    94



                      MAXIMUM                     202.      51.       151         174
            AVG OR GEOM MN (*)                    122.      12. D     151         106
                      MINIMUM                      70.       4.       151          62

                NO OF SAMPLES                       12        12         1          11
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SAMPLE INFORMATION SYSTEM       STATION SUMMARY REPORT - RIVER BASINS                          DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: KAPUSKASING RIVER                                                                  STATION ID:  19-0064-009-02
 SAMPLE POINT: UPSTREAM FROM SPRUCE FALLS PAPER COMPANY
 STATION TYPE: RIVER                                    MAJOR BASIN: ARCTIC DRAINAGE ONTARIO                  STORET CODE: 04
                                                        MINOR BASIN: JAMES BAY SHORE                                       001
                                                        TERM STREAM: MOOSE RIVER                                           0230

STN NO      9       LAT                 LONG                U.T.M. 17 0396000.0 5473400.0 4     REGION 05             MILEAGE  170.00


                                          934       901       444         80         81         84         88        805          3           1
SAMP DTE HOUR  STN  STN SAMP  PJ        SAMPLE        SCD  FLOW CFS      TOTAL      FECAL       M.F.     PSEUD.      WATER       DISS.      5-DAY
DY MO YR LMT   DIST BRG DEPTH               NO                        COLIFORM   COLIFORM     ENTER.        MPA      TEMP.          O2        BOD
               FEET      MTRS                                         MF/100ML   MF/100ML   MF/100ML   MF/100ML      DEG C        MG/L       MG/L

25 01 75 1230              .3          30504   4          680.        20.        14.                                  0.0        11.0        1.6
15 02 75 1435              .3          30521   4          800.        60.        14.                                  0.0        14.0        0.4
22 03 75 1435              .3          30538   4          436.       500.       200.                                  0.0        13.0        1.2
26 04 75 1350              .3          30555   9         5350.        55.        18.                                  1.0         9.0        1.3
24 05 75 1310              .3          30572   9         5610.         8.         8.                                 19.0         7.0        1.2
21 06 75 1335              .3          30589   9         4200.      8000.  G   1400.                                 19.0         8.0        0.8
26 07 75 1510              .3          30606   9          417.       110.         4.                                 21.0         4.0        0.8
30 08 75 1450              .3          30623   9          150.                                                       18.0         4.0        0.6
27 09 75 1235              .3          30640   9                    2000.       200.                                 13.0         7.0        1.4
25 10 75 1450              .3          30657   9                     150.        12.                                  8.0        10.0        0.8
29 11 75 1440              .3          30674   4                      60.         2.                                  0.0        14.0        3.8
27 12 75 1425              .3          30691   4                   25000.         4.                                  0.0        11.0        0.8



                      MAXIMUM                            5610.     25000.      1400.                                 21.0        14.0        3.8
              AVG OR GEOM MN (*)                         2205.       232.* U     22.*                                 8.3         9.3        1.2
                      MINIMUM                             150.         8.         2.                                  0.0         4.0        0.4

                NO OF SAMPLES                                8         11         11                                   12          12         12



                                          33        34        19         20         21         22         16         14         56          55
SAMP DTE HOUR  STN  STN SAMP  PJ        TOTAL  FILTERED  FILTERED      TOTAL    NITRITE    NITRATE      TURB.      COND.   CHLORIDE          PH
DY MO YR LMT   DIST BRG DEPTH               P  REACTIVE   AMMONIA   KJELDAHL     NO2-N      NO3-N   FORMAZIN        25C       MG/L     AT LAB
               FEET      MTRS            MG/L    P MG/L      MG/L       MG/L       MG/L       MG/L      UNITS      UMHOS

25 01 75 1230              .3           0.013     0.004      0.01       0.35      0.005      0.100       1.10        160         1.
15 02 75 1435              .3           0.012     0.005      0.01       0.44      0.004      0.080       2.90        175         1.
22 03 75 1435              .3           0.011     0.003      0.01 L     0.35      0.004      0.140       2.10        180         1.
26 04 75 1350              .3           0.026     0.006      0.02       0.50      0.005      0.220       4.90        136         1.
24 05 75 1310              .3           0.048     0.011      0.03       0.54      0.004      0.010L      6.60        118         1.
21 06 75 1335              .3           0.032     0.006      0.04       0.50      0.006      0.010       4.40        112         1.
26 07 75 1510              .3           0.110     0.021      0.04       0.90      0.014      0.010L      3.40        136         1.
30 08 75 1450              .3           0.032     0.029      0.10       0.46      0.004      0.010L      1.70        160         1.
27 09 75 1235              .3           0.020     0.007      0.03       0.43      0.004      0.010L      3.10        160         1.
25 10 75 1450              .3           0.150     0.015      0.02       0.95      0.010      0.010      80.00        580         1.
29 11 75 1440              .3           0.046     0.025      0.02       0.44      0.005      0.040       2.80        150         1.
27 12 75 1425              .3           0.010     0.003      0.01       0.48      0.004      0.060       2.50        155         1.



                      MAXIMUM                   0.150     0.029      0.10       0.95      0.014      0.220      80.00        580         1.
              AVG OR GEOM MN (*)                0.043     0.011      0.03 D     0.53      0.006      0.058D      9.63        185         1.
                      MINIMUM                   0.010     0.003      0.01       0.35      0.004      0.010       1.10        112         1.

                NO OF SAMPLES                      12        12        12         12         12         12         12         12         12



                                          934        95        52         50         76         61         68         25         60         280
SAMP DTE HOUR  STN  STN SAMP  PJ        SAMPLE   ACIDITY   TOT ALK   HARDNESS     CALCUL      TOTAL     COLOUR    PHENOLS              REACTIVE
DY MO YR LMT   DIST BRG DEPTH               NO      MG/L    AT LAB      CACO3   HARDNESS       IRON      HAZEN              FLUORIDE   SILICATE
               FEET      MTRS                                 MG/L       MG/L       MG/L       MG/L      UNITS       UG/L       MG/L    SI MG/L

25 01 75 1230              .3           30504                                                                      1. L
15 02 75 1435              .3           30521                                                                      1.
22 03 75 1435              .3           30538                                                                      1. L
26 04 75 1350              .3           30555                                                                      1.
24 05 75 1310              .3           30572
21 06 75 1335              .3           30589                                                                      2.
26 07 75 1510              .3           30606                                                                     10.
30 08 75 1450              .3           30623                                                                      2.
27 09 75 1235              .3           30640                                                                      1.
25 10 75 1450              .3           30657                                                                      1. L
29 11 75 1440              .3           30674
27 12 75 1425              .3           30691



                      MAXIMUM                                                                                     10.
              AVG OR GEOM MN (*)                                                                                   2. D
                      MINIMUM                                                                                      1.

                NO OF SAMPLES                                                                                       9
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CONT'D

B.O.W./ SITE: KAPUSKASING RIVER
SAMPLE POINT: UPSTREAM FROM SPRUCE FALLS PAPER COMPANY
STATION TYPE: RIVER

STATION ID: 19-0064-009-02

MAJOR BASIN: ARCTIC DRAINAGE ONTARIO
MINOR BASIN: JAMES BAY SHORE
TERM STREAM: MOOSE RIVER

STORET CODE: 04
001
0230

STN NO 9 LAT LONG U.T.M. 17 0396000.0 5473400.0 4 REGION 05 MILEAGE 170.00

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
25 01 75	1230			.3		5.	115.	15. L		100					
15 02 75	1435			.3		9.	117.	3.		114					
22 03 75	1435			.3		2.	118.	1.		117					
26 04 75	1350			.3		7.	98.	10.		88					
24 05 75	1310			.3		6.	96.	18.		78					
21 06 75	1335			.3		6.	82.	10.		72					
26 07 75	1510			.3		4.	94.	6.		88					
30 08 75	1450			.3		6.									
27 09 75	1235			.3		55.	106.	2.		104					
25 10 75	1450			.3		9.	300.	118.	182						
29 11 75	1440			.3		9.	102.	4.		98					
27 12 75	1425			.3		11.	104.	3.		101					
MAXIMUM						55.	300.	118.	182	117					
AVG OR GEOM MN (*)						10.	121.	17. D	182	96					
MINIMUM						2.	82.	1.	182	72					
NO OF SAMPLES						12	11	11	1	10					

B.O.W./ SITE: KAPUSKASING RIVER
SAMPLE POINT: DOWNSTREAM FROM SPRUCE PAPER COMPANY
STATION TYPE: RIVER

STATION ID: 19-0064-010-02

MAJOR BASIN: ARCTIC DRAINAGE ONTARIO
MINOR BASIN: JAMES BAY SHORE
TERM STREAM: MOOSE RIVER

STORET CODE: 04
001
0230

STN NO 10 LAT LONG U.T.M. 17 0395150.0 5477950.0 4 REGION 05 MILEAGE 169.50

SAMP DTE DY MO YR	HOUR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
25 01 75	1300			.3		30505	4		2000.	500.			0.0	7.0	80.0
15 02 75	1510			.3		30522	4		3400.	300.			0.0	10.0	65.0
22 03 75	1505			.3		30539	9 0		2000.	1700.			1.0	8.0	50.0
26 04 75	1420			.3		30556	9		80000. G	8000. G			3.0	12.0	4.6
24 05 75	1340			.3		30573	9		5500.	370.			17.0	6.0	6.5
21 06 75	1400			.3		30590	9		80000. G	8000. G			19.0	8.0	4.0
26 07 75	1535			.3		30607	9 0		14000.	3000.			22.0	0.0	30.0
30 08 75	1520			.3		30624	9 0						24.0	0.0	76.0
27 09 75	1300			.3		30641	9 0		300.	200.			13.0	8.0	
25 10 75	1510			.3		30658	9		3600.	480.			8.0	8.0	8.0
29 11 75	1520			.3		30675	4		160.	8.			0.0	7.0	2.0
27 12 75	1500			.3		30692	4		215.	40.			0.0	13.0	1.6
MAXIMUM									80000.	8000.			24.0	13.0	80.C
AVG OR GEOM MN (*)									3095.* U	506.* U			8.9	7.3	29.8
MINIMUM									160.	8.			0.0	0.0	1.6
NO OF SAMPLES									11	11			12	12	11

CONT'D

B.O.W./ SITE: KAPUSKASING RIVER
SAMPLE POINT: DOWNSTREAM FROM SPRUCE PAPER COMPANY
STATION TYPE: RIVER

STATION ID: 19-0064-010-02

MAJOR BASIN: ARCTIC DRAINAGE ONTARIO
MINOR BASIN: JAMES BAY SHORE
TERM STREAM: MOOSE RIVER

STORET CODE: 04
001
0230

STN NO 10 LAT LONG U.T.M. 17 0395150.0 5477950.0 4 REGION 05 MILEAGE 169.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
25 01 75 1300			.3		0.060	0.013	0.04	1.10	0.008	0.010L	2.90	215	8.	
15 02 75 1510			.3		0.200	0.011	0.03	1.50	0.007	0.010L	16.00	220	7.	
22 03 75 1505			.3		0.070	0.006	0.04	0.90	0.007	0.010L	6.30	220	8.	
26 04 75 1420			.3		0.024	0.009	0.02	0.58	0.012	0.070	7.40	146	2.	
24 05 75 1340			.3		0.026	0.016	0.01	0.46	0.004	0.010L	2.80	116	1.	
21 06 75 1400			.3		0.044	0.003	0.01	0.68	0.004	0.010	1.50	120	2.	
26 07 75 1535			.3		0.060	0.030	0.01 L	0.14	0.010	0.010L	4.80	190	4.	
30 08 75 1520			.3		0.120	0.018	0.01 L	2.10	0.014	0.010L	7.40	260	22.	
27 09 75 1300			.3		0.030	0.008	0.01 L	0.48	0.004	0.010L	2.70	185	1.	
25 10 75 1510			.3		0.190	0.006	0.01 L	1.70	0.005	0.010	48.00	600	1.	
29 11 75 1520			.3		0.088	0.068	0.02	0.58	0.005	0.030	3.20	150	1.	
27 12 75 1500			.3		0.011	0.002	0.01	0.48	0.004	0.050	1.90	170		
MAXIMUM					0.200	0.068	0.04	2.10	0.014	0.070	48.00	600	22.	
AVG OR GEOM MN (*)					0.077	0.016	0.02 D	0.89	0.007	0.020D	8.74	216	5.	
MINIMUM					0.011	0.002	0.01	0.14	0.004	0.010	1.50	116	1.	
NO OF SAMPLES					12	12	12	12	12	12	12	12	11	

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
25 01 75 1300			.3		30505							8.		
15 02 75 1510			.3		30522							7.		
22 03 75 1505			.3		30539							10.		
26 04 75 1420			.3		30556							2.		
24 05 75 1340			.3		30573									
21 06 75 1400			.3		30590							3.		
26 07 75 1535			.3		30607							21.		
30 08 75 1520			.3		30624							42.		
27 09 75 1300			.3		30641							6.		
25 10 75 1510			.3		30658							1.		
29 11 75 1520			.3		30675									
27 12 75 1500			.3		30692									
MAXIMUM												42.		
AVG OR GEOM MN (*)												11.		
MINIMUM												1.		
NO OF SAMPLES												9		

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
25 01 75 1300			.3		20.	160.	20.		140					
15 02 75 1510			.3		23.	189.	46.		143					
22 03 75 1505			.3		15.	159.	16.		143					
26 04 75 1420			.3		11.	115.	20.		95					
24 05 75 1340			.3		7.	88.	13.		75					
21 06 75 1400			.3		8.	87.	9.		78					
26 07 75 1535			.3		22.	143.	19.		124					
30 08 75 1520			.3		29.									
27 09 75 1300			.3		5.	124.	4.		120					
25 10 75 1510			.3		8.	279.	117.	162						
29 11 75 1520			.3		7.	102.	4.		98					
27 12 75 1500			.3			115.	4.		111					
MAXIMUM					29.	279.	117.	162	143					
AVG OR GEOM MN (*)					14.	141.	24.	162	113					
MINIMUM					5.	87.	4.	162	75					
NO OF SAMPLES					11	11	11	1	10					

SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

B.O.W./ SITE: MATTAGAMI RIVER
SAMPLE POINT: UPSTREAM FROM ABITIBI PAPER COMPANY SMOOTH ROCK   STATION ID: 19-0064-011-02
STATION TYPE: RIVER

MAJOR BASIN: ARCTIC DRAINAGE ONTARIO   STORET CODE: 04
MINOR BASIN: JAMES BAY SHORE   001
TERM STREAM: MOOSE RIVER   0230

STN NO   11   LAT   LONG   U.T.M. 17 0453550.0 5458150.0 4   REGION 05   MILEAGE 197.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
25 01 75 1615			.3		30508	4	1620.	240.	70.			0.0	4.0	0.8
15 02 75 1700			.3		30525	4	1970.	700.	14.			0.0	11.0	0.6
22 03 75 1740			.3		30542	4	2030.	40.	40.			0.0	8.0	0.6
26 04 75 1640			.3		30559	3	8060.	230.	36.			1.0	5.0	1.5
24 05 75 1620			.3		30576	9	6370.	20.	8.			17.0	7.0	1.2
21 06 75 1940			.3		30593	9	7350.	150.	18.			20.0	6.0	0.8
27 07 75 0755			.3		30609	9	1950.	1300.	0.			21.0	5.0	0.6
30 08 75 1740			.3		30627	9	1250.					19.0	6.0	0.4
27 09 75 1550			.3		30644	9	2200.	5000.	1100.			12.0	9.0	0.8
25 10 75 1720			.3		30661	9	1930.	22.	6.			10.0	9.0	1.0
29 11 75 1730			.3		30678	4	2070.	450.	44.			0.0	11.0	1.2
27 12 75 1650			.3		30695	4	2160.	105.	2.			0.0	11.0	1.0
MAXIMUM							8060.	5000.	1100.			21.0	11.0	1.5
AVG OR GEOM MN (*)							3247.	208.*	19.*			8.3	7.7	0.9
MINIMUM							1250.	20.	0.			0.0	4.0	0.4
NO OF SAMPLES							12	11	11			12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
25 01 75 1615			.3		0.030	0.017	0.03	0.36	0.005	0.100	1.10	120	2.	
15 02 75 1700			.3		0.023	0.013	0.02	0.41	0.005	0.090	5.10	126	1.	
22 03 75 1740			.3		0.036	0.016	0.01	0.37	0.004	0.120		121	1.	
26 04 75 1640			.3		0.034	0.012	0.05	0.50	0.007	0.210	4.90	124	3.	
24 05 75 1620			.3		0.026	0.016	0.05	0.54	0.006	0.020	7.00	96	2.	
21 06 75 1940			.3		0.032	0.003	0.03	0.54	0.007	0.020	5.30	100	2.	
27 07 75 0755			.3		0.075	0.035	0.11	0.76	0.160	0.010L	3.00	112	1.	
30 08 75 1740			.3		0.016	0.008	0.01 L	0.28	0.003	0.010L	1.20	122	1.	
27 09 75 1550			.3		0.030	0.010	0.04	0.48	0.003	0.010L	4.30	145	1.	
25 10 75 1720			.3		0.090	0.006	0.02	0.52	0.005	0.040	6.00	148	1.	
29 11 75 1730			.3		0.026	0.005	0.02	0.58	0.009	0.060	6.00	300	60.	
27 12 75 1650			.3		0.039	0.004	0.01	0.57	0.009	0.070	2.70	118	2.	
MAXIMUM					0.090	0.035	0.11	0.76	0.160	0.210	7.00	300	60.	
AVG OR GEOM MN (*)					0.038	0.012	0.03 D	0.49	0.019	0.063D	4.24	136	6.	
MINIMUM					0.016	0.003	0.01	0.28	0.003	0.010	1.10	96	1.	
NO OF SAMPLES					12	12	12	12	12	12	11	12	12	

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
25 01 75 1615			.3		30508							2.		
15 02 75 1700			.3		30525							1.		
22 03 75 1740			.3		30542							1.		
26 04 75 1640			.3		30559							1.		
24 05 75 1620			.3		30576									
21 06 75 1940			.3		30593							1.		
27 07 75 0755			.3		30609							6.		
30 08 75 1740			.3		30627							3.		
27 09 75 1550			.3		30644							1.		
25 10 75 1720			.3		30661							1.		
29 11 75 1730			.3		30678									
27 12 75 1650			.3		30695									
MAXIMUM												6.		
AVG OR GEOM MN (*)												1.		
MINIMUM												1.		
NO OF SAMPLES												9		

CONT'D

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 B.O.W./ SITE: MATTAGAMI RIVER                                                                    STATION ID:  19-0064-011-02
 SAMPLE POINT: UPSTREAM FROM ABITIBI PAPER COMPANY SMOOTH ROCK
 STATION TYPE: RIVER                                     MAJOR BASIN: ARCTIC DRAINAGE ONTARIO                    STORET CODE: 04
                                                         MINOR BASIN: JAMES BAY SHORE                                         001
                                                         TERM STREAM: MOOSE RIVER                                             0230

STN NO     11      LAT               LONG                 U.T.M. 17 0453550.0 5458150.0 4      REGION 05             MILEAGE  197.50

                                       59         5          6         7      107        67        66         45        47        41
SAMP DTE HOUR   STN   STN SAMP   PJ  SULPHATE     TOTAL      SUSP.      DISS.      DISS.   PTSSIUM    SODIUM    TOT C     ORGANIC       COD
DY MO YR LMT    DIST BRG DEPTH                   SOLIDS     SOLIDS     SOLIDS     SOLIDS         K         NA     AS C     C AS C
                FEET      MTRS         MG/L      MG/L       MG/L       MG/L       MG/L       MG/L      MG/L      MG/L       MG/L      MG/L

25 01 75 1615               .3         7.       95.       15. L                 80
15 02 75 1700               .3         9.       88.        6.                   82
22 03 75 1740               .3         4.       79.        0.                   79
26 04 75 1640               .3         9.       88.        7.                   81
24 05 75 1620               .3         6.       69.        7.                   62
21 06 75 1940               .3         9.       73.        8.                   65
27 07 75 0755               .3         9.       76.        3.                   76
30 08 75 1740               .3         6.
27 09 75 1550               .3         6.      100.        6.                   94
25 10 75 1720               .3        17.       96.       43.         53
29 11 75 1730               .3        12.      200.        5.                  195
27 12 75 1650               .3        12.       95.       17.                   78


                       MAXIMUM        17.      200.       43.         53       195
            AVG OR GEOM MN (*)         8.       96.       10. D       53        89
                       MINIMUM         4.       69.        0.         53        62

                NO OF SAMPLES           12        11        11         1        10
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 B.O.W./ SITE: MATTAGAMI RIVER                                                                    STATION ID:  19-0064-012-02
 SAMPLE POINT: DOWNSTREAM FROM ABITIBI PAPER SMOOTH ROCK
 STATION TYPE: RIVER                                     MAJOR BASIN: ARCTIC DRAINAGE ONTARIO                    STORET CODE: 04
                                                         MINOR BASIN: JAMES BAY SHORE                                         001
                                                         TERM STREAM: MOOSE RIVER                                             0230

STN NO     12      LAT               LONG                 U.T.M. 17 0453550.0 5460050.0 4      REGION 05             MILEAGE  196.50

                                      934       901       444        80        81        84        88       805         3         1
SAMP DTE HOUR   STN   STN SAMP   PJ   SAMPLE        SCD  FLOW CFS     TOTAL     FECAL      M.F.    PSEUD.     WATER     DISS.     5-DAY
DY MO YR LMT    DIST BRG DEPTH            NO                       COLIFORM  COLIFORM    ENTER.       MPA     TEMP.        O2       BOD
                FEET      MTRS                                     MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L

25 01 75 1635               .3      30509     4 9      1620.    20000.     8000.  G                         0.0      11.0      18.0
15 02 75 1730               .3      30526     4 0 9    1970.    48000.        0.                            0.0       5.0      13.0
22 03 75 1805               .3      30543     4 9 0    2030.      500.      100.                            0.0      12.0      12.0
26 04 75 1700               .3      30560     3 9      8060.     6300.      230.                            3.0      12.0       6.4
24 05 75 1645               .3      30577     9 0      6370.    70000.      500.                           18.0       5.0       3.0
21 06 75 2005               .3      30594     6        7350.       90.       36.                           18.0       9.0       1.2
27 07 75 0820               .3      30611     0 9      1950.     4600.      400.                           21.0       5.0      40.0
30 08 75 1800               .3      30628     0 9 5    1250.                                               20.0       6.0       2.4
27 09 75 1615               .3      30645     9        2200.     5000.      100.                           13.0       7.0       9.0
25 10 75 1740               .3      30662     6        1150.      165.       16.                            8.0       9.0      24.0
29 11 75 1755               .3      30679     9        2070.      255.        0.                            1.0       9.0      60.0
27 12 75 1730               .3      30696     4        2160.                220.        2.                  0.0      10.0       5.0


                       MAXIMUM                         8060.    70000.     8000.        2.                 21.0      12.0      60.0
            AVG OR GEOM MN (*)                         3182.     2670.*      76.* U     2.*                 8.5       8.3      16.2
                       MINIMUM                         1150.       90.        0.        2.                  0.0       5.0       1.2

                NO OF SAMPLES                               12        10        11         1                  12        12        12
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CONT'D

B.O.W./ SITE: MATTAGAMI RIVER
SAMPLE POINT: DOWNSTREAM FROM ABITIBI PAPER SMOOTH ROCK
STATION TYPE: RIVER

STATION ID: 19-0064-012-02

MAJOR BASIN: ARCTIC DRAINAGE ONTARIO
MINOR BASIN: JAMES BAY SHORE
TERM STREAM: MOOSE RIVER

STORET CODE: 04
001
0230

STN NO 12 LAT LONG U.T.M. 17 0453550.0 5460050.0 4 REGION 05 MILEAGE 196.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
25 01 75 1635			.3		0.110	0.007	0.01	1.70	0.005	0.010	9.80	190	6.	
15 02 75 1730			.3		0.030	0.008	0.01	0.95	0.013	0.010	4.60	230	27.	
22 03 75 1805			.3		0.055	0.020	0.03	0.65	0.018	0.010L	2.60	248	38.	
26 04 75 1700			.3		0.050	0.011	0.01	0.75	0.020	0.060	6.00	190	27.	
24 05 75 1645			.3		0.042	0.016	0.04	0.56	0.008	0.010	6.00	144	14.	
21 06 75 2005			.3		0.052	0.002	0.01 L	0.58	0.005	0.040	5.00	92	1.	
27 07 75 0820			.3		0.160	0.013	0.01 L	1.30	0.011	0.010L	5.40	295	7.	
30 08 75 1800			.3		0.250	0.150	0.70	1.30	0.004	0.010L	2.20	175	3.	
27 09 75 1615			.3		0.040	0.017	0.01 L	0.55	0.011	0.010L	3.10	235	3.	
25 10 75 1740			.3		0.070	0.007	0.01 L	0.54	0.004	0.010L	5.40	235	3.	
29 11 75 1755			.3		0.360	0.150	0.01	0.70	0.008	0.010L	5.80	230	5.	
27 12 75 1730			.3		0.100	0.005	0.01 L	0.60	0.005	0.010	3.60	150	2.	
MAXIMUM					0.360	0.150	0.70	1.70	0.020	0.060	9.80	295	38.	
AVG OR GEOM MN (*)					0.110	0.034	0.07 D	0.85	0.009	0.017D	4.96	201	11.	
MINIMUM					0.030	0.002	0.01	0.54	0.004	0.010	2.20	92	1.	
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	69 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
25 01 75 1635			.3		30509							27.		
15 02 75 1730			.3		30526							40.		
22 03 75 1805			.3		30543							50.		
26 04 75 1700			.3		30560							160.		
24 05 75 1645			.3		30577									
21 06 75 2005			.3		30594							3.		
27 07 75 0820			.3		30611							100.		
30 08 75 1800			.3		30628							7.		
27 09 75 1615			.3		30645							60.		
25 10 75 1740			.3		30662							10.		
29 11 75 1755			.3		30679									
27 12 75 1730			.3		30696									
MAXIMUM												160.		
AVG OR GEOM MN (*)												50.		
MINIMUM												3.		
NO OF SAMPLES												9		

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
25 01 75 1635			.3		12.	205.	80.		125					
15 02 75 1730			.3		11.	164.	14.		150					
22 03 75 1805			.3		12.	172.	11.		161					
26 04 75 1700			.3		13.	144.	20.		124					
24 05 75 1645			.3		11.	113.	19.		94					
21 06 75 2005			.3		9.	85.	25.		60					
27 07 75 0820			.3		27.	237.	35.	202						
30 08 75 1800			.3		9.									
27 09 75 1615			.3		18.	166.	13.		153					
25 10 75 1740			.3		75.	153.	35.	118						
29 11 75 1755			.3		44.	158.	8.		150					
27 12 75 1730			.3		22.	107.	9.		98					
MAXIMUM					75.	237.	80.	202	161					
AVG OR GEOM MN (*)					21.	154.	24.	160	124					
MINIMUM					9.	85.	8.	118	60					
NO OF SAMPLES					12	11	11	2	9					

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SAMPLE INFORMATION SYSTEM        STATION SUMMARY REPORT - RIVER BASINS                        DATE OF REPORT  28 OCT 77

 B.O.W./ SITE: MISSINAIBI RIVER                                                                  STATION ID:  19-0064-013-02
 SAMPLE POINT: HIGHWAY 11 MATTICE
 STATION TYPE: RIVER                                     MAJOR BASIN: ARCTIC DRAINAGE ONTARIO                   STORET CODE: 04
                                                         MINOR BASIN: JAMES BAY SHORE                                        001
                                                         TERM STREAM: MOOSE RIVER                                            0230

STN NO    13      LAT               LONG                  U.T.M. 17 0336150.0 5498000.0 4     REGION 05             MILEAGE  201.50


                                      934      901       444        80        81        84        88       805         3         1
SAMP DTE HOUR  STN  STN SAMP  PJ   SAMPLE      SCD  FLOW CFS     TOTAL     FECAL      M.F.    PSEUD.     WATER     DISS.     5-DAY
DY MO YR LMT   DIST BRG DEPTH          NO                     COLIFORM  COLIFORM    ENTER.       MPA     TEMP.        O2       BOD
               FEET      MTRS                                 MF/100ML  MF/100ML  MF/100ML  MF/100ML     DEG C      MG/L      MG/L

24 01 75 1550              .3       30502     4         760.     1200.       48.                           0.0      13.0       0.8
15 02 75 1245              .3       30519     4         615.      440.        8.                           0.0      14.0       0.2
22 03 75 1240              .3       30536     4         453.       40.        0.                           0.0       3.0       1.0
26 04 75 1220              .3       30553     3        2050.     7600.     1600.                           1.0       6.0       1.8
23 05 75 2105              .3       30570     6        7080.       40.        4.                          18.0       9.0       1.2
21 06 75 1200              .3       30587     6        6020.       56.       26.                          17.0       9.0       0.8
25 07 75 2015              .3       30604     6         936.      145.       36.                          20.0       8.0       0.4
30 08 75 1310              .3       30621     5 9       143.                                              20.0      11.0       0.4
27 09 75 1135              .3       30638     5 9       839.      200.       50.                          12.0      12.0       0.4
25 10 75 1330              .3       30655     5         791.     1300.       32.                           8.0      11.0       0.4
29 11 75 1250              .3       30672     4        1570.     3000.     2400.                           0.0      14.0       2.0
27 12 75 1235              .3       30689     4         845.       85.        8.                           0.0      14.0       0.8


                      MAXIMUM                          7080.     7600.     2400.                          20.0      14.0       2.0
           AVG OR GEOM MN (*)                          1842.     319.*      34.*                           8.0      10.3       0.9
                      MINIMUM                           143.       40.        0.                           0.0       3.0       0.2

                NO OF SAMPLES                             12        11        11                            12        12        12


                                       33       34        19        20        21        22        16        14        56        55
SAMP DTE HOUR  STN  STN SAMP  PJ    TOTAL FILTERED  FILTERED     TOTAL   NITRITE   NITRATE     TURB.     COND.  CHLORIDE        PH
DY MO YR LMT   DIST BRG DEPTH           P REACTIVE   AMMONIA  KJELDAHL     NO2-N     NO3-N  FORMAZIN       25C      MG/L    AT LAB
               FEET      MTRS        MG/L   P MG/L      MG/L      MG/L      MG/L      MG/L     UNITS     UMHOS

24 01 75 1550              .3       0.011    0.005      0.04      0.50     0.005     0.270      0.84       200        1.
15 02 75 1245              .3       0.015    0.013      0.06      0.53     0.005     0.140      2.40       180        1.
22 03 75 1240              .3       0.008    0.005      0.01      0.34     0.004     0.200      1.40       170        1.
26 04 75 1220              .3       0.058    0.008      0.03      0.56     0.010     0.170     16.00       127        1.
23 05 75 2105              .3       0.010    0.005      0.02      0.34     0.004    0.010L      3.00       140        1.
21 06 75 1200              .3       0.022    0.001      0.03      0.48     0.006     0.010      2.50       126        1.
25 07 75 2015              .3       0.023    0.010      0.03      0.41     0.008    0.010L      2.10       137        1.
30 08 75 1310              .3       0.021    0.008      0.03      0.41     0.002    0.010L      3.00       155        1.
27 09 75 1135              .3       0.020    0.005      0.02      0.54     0.004    0.010L      3.10       180        1.
25 10 75 1330              .3       0.046    0.005      0.01 L    0.64     0.005    0.010L     21.00       600        1.
29 11 75 1250              .3       0.022    0.002      0.02      0.56     0.005     0.050      3.50       180        1.
27 12 75 1235              .3       0.007    0.001      0.02      0.44     0.003     0.080      2.00       145        1.


                      MAXIMUM       0.058    0.013      0.06      0.64     0.010     0.270     21.00       600        1.
           AVG OR GEOM MN (*)       0.022    0.006      0.03 D    0.48     0.005    0.081D      5.07       195        1.
                      MINIMUM       0.007    0.001      0.01      0.34     0.002     0.010      0.84       126        1.

                NO OF SAMPLES          12       12        12        12        12        12        12        12        12
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SAMPLE INFORMATION SYSTEM   STATION SUMMARY REPORT - RIVER BASINS   DATE OF REPORT 28 OCT 77

B.O.W./ SITE: MATTAGAMI RIVER
SAMPLE POINT: AT TIMMINS WATERWORKS PLANT   STATION ID: 19-0064-014-20
STATION TYPE: RIVER MUNICIPAL WATER INTAKE

MAJOR BASIN: ARCTIC DRAINAGE ONTARIO
MINOR BASIN: JAMES BAY SHORE
TERM STREAM: MOOSE RIVER

STORET CODE: 04
001
0230

STN NO 14   LAT   LONG   U.T.M. 17 0473925.0 5369600.0 4   REGION 05   MILEAGE 269.00

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
26 01 75 1320			.3		30517	4		45.	20.			0.0	12.0	1.6
16 02 75 1215			.3		30534	4		40.	0.			0.0	10.0	0.6
23 03 75 1430			.3		30551	4		0.	0.			0.0	14.0	2.0
27 04 75 1155			.3		30568	3 9		270.	0.			1.0	12.0	0.8
25 05 75 1140			.3		30585	6		14.	4.			20.0	10.0	0.6
22 06 75 1130			.3		30602	6		320.	28.			22.0	7.0	0.8
27 07 75 1300			.3		30619	7		3500.	130.			22.0	7.0	0.6
31 08 75 1115			.3		30636	7 9						19.0	7.0	2.8
28 09 75 1130			.3		30653	8		85.	0.			11.0	10.0	0.4
26 10 75 1115			.3		30670	6		325.	0.			8.0	10.0	0.8
30 11 75 1330			.3		30687	4		74.	12.			0.0	12.0	1.2
28 12 75 1200			.3		30704	4		70.	22.			0.0	10.0	0.6
MAXIMUM								3500.	130.			22.0	14.0	2.8
AVG OR GEOM MN (*)								82.*	5.*			8.6	10.1	1.1
MINIMUM								0.	0.			0.0	7.0	0.4
NO OF SAMPLES								11	11			12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
26 01 75 1320			.3		0.043	0.007	0.01 L	0.32	0.002	0.050	1.00	118	1.	7.1
16 02 75 1215			.3		0.007	0.003	0.01 L	0.34	0.003	0.050	5.10	105	1.	7.4
23 03 75 1430			.3		0.120	0.027	0.10	0.85	0.026	1.300	1.20	215	7.	7.4
27 04 75 1155			.3		0.022	0.005	0.02	0.40	0.004	0.110	2.00	89	1.	7.4
25 05 75 1140			.3		0.010	0.002	0.04	0.36	0.004	0.030	1.10	82	1.	7.1
22 06 75 1130			.3		0.024	0.003	0.03	0.49	0.005	1.800	1.60	94	1.	7.4
27 07 75 1300			.3		0.042	0.007	0.02	0.52	0.013	0.010	3.60	94	5.	7.4
31 08 75 1115			.3		0.096	0.036	0.21	0.72	0.004	0.010L	3.00	112	1.	7.7
28 09 75 1130			.3		0.012	0.004	0.01	0.31	0.003	0.010L	1.50	100	24.	7.8
26 10 75 1115			.3		0.017	0.005	0.01	0.33	0.005	0.040	8.00	100	1.	
30 11 75 1330			.3		0.110	0.003	0.01	0.64	0.004	0.060	8.00	110	1.	7.1
28 12 75 1200			.3		0.008	0.002	0.02	0.39	0.003	0.030	1.50	102	1.	7.8
MAXIMUM					0.120	0.036	0.21	0.85	0.026	1.800	8.00	215	24.	7.8
AVG OR GEOM MN (*)					0.043	0.009	0.04 D	0.47	0.006	0.292D	3.13	110	3.	7.4
MINIMUM					0.007	0.002	0.01	0.31	0.002	0.010	1.00	82	1.	7.1
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	11

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	95 ACIDITY MG/L	52 TOT ALK AT LAB MG/L	50 HARDNESS CACO3 MG/L	76 CALCUL HARDNESS MG/L	61 TOTAL IRON MG/L	68 COLOUR HAZEN UNITS	25 PHENOLS UG/L	60 FLUORIDE MG/L	280 REACTIVE SILICATE SI MG/L
26 01 75 1320			.3		30517	3.	44	52		0.20	30			
16 02 75 1215			.3		30534	3.	42	48		0.20	15			
23 03 75 1430			.3		30551	5.	59	97		0.25	40			
27 04 75 1155			.3		30568	1.	34	44		0.40	40			
25 05 75 1140			.3		30585	4.	30	39		0.20	65			
22 06 75 1130			.3		30602	3.	28	37		0.34	60			
27 07 75 1300			.3		30619	3.	37		46.	0.70	40			
31 08 75 1115			.3		30636	6.	45		55.	0.70	30			
28 09 75 1130			.3		30653	2.	35		46.	0.26	40			
30 11 75 1330			.3		30687	3.	38		45.	5.70	50			
28 12 75 1200			.3		30704	2.	40		49.	0.15	50			
MAXIMUM						6.	59	97	55.	5.70	65			
AVG OR GEOM MN (*)						3.	39	53	48.	0.83	42			
MINIMUM						1.	28	37	45.	0.15	15			
NO OF SAMPLES						11	11	6	5	11	11			

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	59 SULPHATE MG/L	5 TOTAL SOLIDS MG/L	6 SUSP. SOLIDS MG/L	7 DISS. SOLIDS MG/L	107 DISS. SOLIDS MG/L	67 PTSSIUM K MG/L	66 SODIUM NA MG/L	45 TOT C AS C MG/L	47 ORGANIC C AS C MG/L	41 COD MG/L
26 01 75 1320			.3			95.	15. L		80					
16 02 75 1215			.3			70.	1.		69					
23 03 75 1430			.3			144.	4.		140					
27 04 75 1155			.3			65.	7.		58					
25 05 75 1140			.3			56.	4.		52					
22 06 75 1130			.3			74.	12.		62					
27 07 75 1300			.3			80.	18.		62					
31 08 75 1115			.3			119.	23.		96					
28 09 75 1130			.3			68.	3.		65					
30 11 75 1330			.3			300.	128.		72					
28 12 75 1200			.3			66.	1.		65					
MAXIMUM						300.	128.		140					
AVG OR GEOM MN (*)						103.	19. D		75					
MINIMUM						56.	1.		52					
NO OF SAMPLES						11	11		11					

SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: GROUNDHOG RIVER STATION ID: 19-0064-016-02
SAMPLE POINT: HIGHWAY 11 BRIDGE IN FAUQUIER
STATION TYPE: RIVER

MAJOR BASIN: ARCTIC DRAINAGE ONTARIO STORET CODE: 04
MINOR BASIN: JAMES BAY SHORE 001
TERM STREAM: MOOSE RIVER 0230

STN NO 16 LAT LONG U.T.M. 17 0424250.0 5462600.0 4 REGION 05 MILEAGE 186.50

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
25 01 75 1535			.3		30507	4	750.	3000.	3000.			0.0	4.0	1.4
15 02 75 1630			.3		30524	4	615.	18000.	1700.			0.0	4.0	0.4
22 03 75 1650			.3		30541	4	453.	100.	10.			0.0	14.0	0.8
26 04 75 1605			.3		30558	3	2050.	150.	0.			1.0	4.0	1.6
24 05 75 1540			.3		30575	3	6680.	85.	12.			18.0	5.0	0.6
21 06 75 1900			.3		30592	9	7230.	36000.	8000. G			21.0	9.0	1.2
27 07 75 0715			.3		30610	6	1390.	280.	4.			18.0	8.0	0.4
30 08 75 1700			.3		30626	6	143.					21.0	8.0	0.4
27 09 75 1520			.3		30643	9	839.	5.	4.			12.0	10.0	1.0
25 10 75 1645			.3		30660	6	791.	20.	10.			11.0	8.0	0.4
29 11 75 1650			.3		30677	4	1570.	660.	80.			0.0	9.0	0.6
27 12 75 1615			.3		30694	4	845.	3300.	12.			0.0	14.0	1.4
MAXIMUM							7230.	36000.	8000.			21.0	14.0	1.6
AVG OR GEOM MN (*)							1946.	449.*	42.* U			8.5	8.1	0.9
MINIMUM							143.	5.	0.			0.0	4.0	0.4
NO OF SAMPLES							12	11	11			12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
25 01 75 1535			.3		0.018	0.012	0.04	0.36	0.004	0.080	1.80	134	1.	
15 02 75 1630			.3		0.019	0.006	0.01	0.56	0.003	0.120	1.60	135	1.	
22 03 75 1650			.3		0.010	0.004	0.02	0.35	0.002	0.130	1.50	157	1.	
26 04 75 1605			.3		0.034	0.006	0.02	0.50	0.006	0.160	9.50	118	1.	
24 05 75 1540			.3		0.022	0.011	0.03	0.44	0.005	0.020	7.20	102	1.	
21 06 75 1900			.3		0.030	0.007	0.04	0.52	0.006	0.010	3.10	100	1.	
27 07 75 0715			.3		0.021	0.021	0.03	0.36	0.008	0.010L	2.60	131	1.	
30 08 75 1700			.3		0.016	0.014	0.09	0.34	0.003	0.010L	2.80	139	1.	
27 09 75 1520			.3		0.028	0.008	0.09	0.64	0.005	0.010L	3.20	150	1.	
25 10 75 1645			.3		0.092	0.008	0.02	0.62	0.005	0.010L	32.00	160	1.	
29 11 75 1650			.3		0.016	0.001	0.01	0.44	0.004	0.030	2.00	160	2.	
27 12 75 1615			.3		0.200	0.010	0.06	0.94	0.004	0.040	49.00	160	1.	
MAXIMUM					0.200	0.021	0.09	0.94	0.008	0.160	49.00	160	2.	
AVG OR GEOM MN (*)					0.042	0.009	0.04	0.51	0.005	0.053D	9.69	137	1.	
MINIMUM					0.010	0.001	0.01	0.34	0.002	0.010	1.50	100	1.	
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	

SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: GOUGH CREEK
SAMPLE POINT: AT LAURENTIAN AVE KAPUSKASING
STATION TYPE: RIVER

STATION ID: 19-0064-017-02

MAJOR BASIN: ARCTIC DRAINAGE ONTARIO
MINOR BASIN: JAMES BAY SHORE
TERM STREAM: MOOSE RIVER

STORET CODE: 04
001
0230

STN NO 17 LAT LONG U.T.M. 17 0396700.0 5473100.0 4 REGION 05 MILEAGE 169.70

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
25 01 75 1320			.3		30506	0 9		8000.	8000.			3.0	3.0	60.0
15 02 75 1535			.3		30523	9 0		80000. G	8000. G			0.0	2.0	140.0
22 03 75 1535			.3		30540	9 0		80000.	8000.			1.0	7.0	26.0
26 04 75 1445			.3		30557	3		80000. G	8000.			4.0	7.0	3.4
24 05 75 1405			.3		30574	9 0		80000. G	8000. G			19.0	6.0	5.6
21 06 75 1430			.3		30591	9 0		80000. G	8000. G			21.0	5.0	7.0
26 07 75 1555			.3		30608	5 0		80000. G	8000. G			21.0	5.0	15.0
30 08 75 1545			.3		30625	0 5 9						19.0	1.0	60.0
27 09 75 1310			.3		30642	9		80000.	8000.			12.0	7.0	40.0
25 10 75 1530			.3		30659	9		80000.	8000.			10.0	6.0	1.2
29 11 75 1540			.3		30676	9		80000.	8000.			1.0	3.0	55.0
27 12 75 1525			.3		30693	9		80000. G	800. G			1.0	4.0	60.0
MAXIMUM								80000.	8000.			21.0	7.0	140.0
AVG OR GEOM MN (*)								64902.* U	6488.* U			9.3	4.7	39.4
MINIMUM								8000.	800.			0.0	1.0	1.2
NO OF SAMPLES								11	11			12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
25 01 75 1320			.3		3.300	2.000	14.00	19.00	0.004	0.010L	4.00	920	92.	
15 02 75 1535			.3		5.400	3.500	12.00	20.00	0.008	0.010L	42.00	1000	85.	
22 03 75 1535			.3		2.700	1.500	5.00	7.30	0.049	0.280	22.00	590	50.	
26 04 75 1445			.3		0.450	0.100	0.15	1.60	0.018	0.150	105.00	155	4.	
24 05 75 1405			.3		1.100	0.610	2.50	4.30	0.015	0.010L	8.80	390	3.	
21 06 75 1430			.3		1.200	0.900	2.80	5.10	0.159	0.010L	14.00	370	23.	
26 07 75 1555			.3		1.700	1.500	4.40	8.40	0.006	0.010L	30.00	720	40.	
30 08 75 1545			.3		5.000	4.000	16.00	24.00	0.008	0.010L	21.00	1210	130.	
27 09 75 1310			.3		2.800	2.000	6.00	9.60	0.009	0.010L	44.00	650	39.	
25 10 75 1530			.3		1.100	0.470	2.40	5.00	0.014	0.020	96.00	435	20.	
29 11 75 1540			.3		3.200	2.000	7.00	14.00	0.011	0.010L	40.00	680	46.	
27 12 75 1525			.3		3.900	1.600	8.50	18.00	0.010	0.010L	22.00	850	73.	
MAXIMUM					5.400	4.000	16.00	24.00	0.159	0.280	105.00	1210	130.	
AVG OR GEOM MN (*)					2.654	1.682	6.73	11.36	0.026	0.045D	37.40	664	50.	
MINIMUM					0.450	0.100	0.15	1.60	0.004	0.010	4.00	155	3.	
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	

SAMPLE INFORMATION SYSTEM STATION SUMMARY REPORT - RIVER BASINS DATE OF REPORT 28 OCT 77

B.O.W./ SITE: FIVE MILE CREEK
SAMPLE POINT: AT MOUTH IN TOWN OF MATTICE
STATION TYPE: RIVER

STATION ID: 19-0064-018-02

MAJOR BASIN: ARCTIC DRAINAGE ONTARIO
MINOR BASIN: JAMES BAY SHORE
TERM STREAM: MOOSE RIVER

STORET CODE: 04
001
0230

STN NO 18 LAT LONG U.T.M. 17 0336950.0 5437750.0 4 REGION 05 MILEAGE 201.40

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	934 SAMPLE NO	901 SCD	444 FLOW CFS	80 TOTAL COLIFORM MF/100ML	81 FECAL COLIFORM MF/100ML	84 M.F. ENTER. MF/100ML	88 PSEUD. MPA MF/100ML	805 WATER TEMP. DEG C	3 DISS. O2 MG/L	1 5-DAY BOD MG/L
24 01 75 1620			.3		30503	4		41000.	8000. L			0.0	9.0	3.6
15 02 75 1320			.3		30520	4		80000. G	8000. G			0.0	9.0	9.0
22 03 75 1300			.3		30537	4 0		8000.	500. G			0.0	8.0	3.6
26 04 75 1250			.3		30554	3 0		2500.	500.			2.0	11.0	2.7
23 05 75 2125			.3		30571	9 0		5200.	3400.			21.0	6.0	2.6
21 06 75 1215			.3		30588			8000. G	8000. G			18.0	7.0	2.8
25 07 75 2045			.3		30605	0 5		40000.	2200.			19.0	7.0	1.8
30 08 75 1345			.3		30622	5 9						19.0	9.0	6.4
27 09 75 1145			.3		30639	8		7000.	400.			7.0	7.0	3.4
25 10 75 1350			.3		30656	0		28000.	1700.			9.0	10.0	0.8
29 11 75 1310			.3		30673	4		42000.	8000.			0.0	8.0	2.4
27 12 75 1310			.3		30690	4 0		80000. G	3600.			0.0	10.0	3.2
MAXIMUM								80000.	8000.			21.0	11.0	9.0
AVG OR GEOM MN (*)								18184.* U	2446.* E			7.9	8.4	3.5
MINIMUM								2500.	400.			0.0	6.0	0.8
NO OF SAMPLES								11	11			12	12	12

SAMP DTE HOUR DY MO YR LMT	STN DIST FEET	STN BRG	SAMP DEPTH MTRS	PJ	33 TOTAL P MG/L	34 FILTERED REACTIVE P MG/L	19 FILTERED AMMONIA MG/L	20 TOTAL KJELDAHL MG/L	21 NITRITE NO2-N MG/L	22 NITRATE NO3-N MG/L	16 TURB. FORMAZIN UNITS	14 COND. 25C UMHOS	56 CHLORIDE MG/L	55 PH AT LAB
24 01 75 1620			.3		0.350	0.220	1.90	2.70	0.020	0.030	4.30	180	5.	
15 02 75 1320			.3		0.240	0.210	1.80	2.60	0.012	0.030	15.00	195	4.	
22 03 75 1300			.3		0.320	0.210	1.30	2.80	0.020	0.140	8.20	245	12.	
26 04 75 1250			.3		0.140	0.042	0.33	1.30	0.016	0.130	19.00	88	1.	
23 05 75 2125			.3		0.086	0.028	0.07	0.94	0.021	0.010L	8.00	126	1.	
21 06 75 1215			.3		0.090	0.015	0.04	1.30	0.030	0.010	5.10	84	1.	
25 07 75 2045			.3		0.079	0.091	0.01 L	0.41	0.009	0.420	6.30	205	7.	
30 08 75 1345			.3		2.300	1.600	7.40	11.00	2.800	2.000	3.80	470	27.	
27 09 75 1145			.3		0.154	0.070	0.44	1.40	0.052	0.050	2.40	285	6.	
25 10 75 1350			.3		0.078	0.018	0.04	1.00	0.011	0.010	9.20	185	3.	
29 11 75 1310			.3		0.055	0.022	0.17	1.50	0.019	0.010L	6.20	110	2.	
27 12 75 1310			.3		0.190	0.085	0.65	2.30	0.021	0.010	11.00	150	3.	
MAXIMUM					2.300	1.600	7.40	11.00	2.800	2.000	19.00	470	27.	
AVG OR GEOM MN (*)					0.340	0.218	1.18 D	2.44	0.253	0.238D	8.21	194	6.	
MINIMUM					0.055	0.015	0.01	0.41	0.009	0.010	2.40	84	1.	
NO OF SAMPLES					12	12	12	12	12	12	12	12	12	

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